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Elmira College

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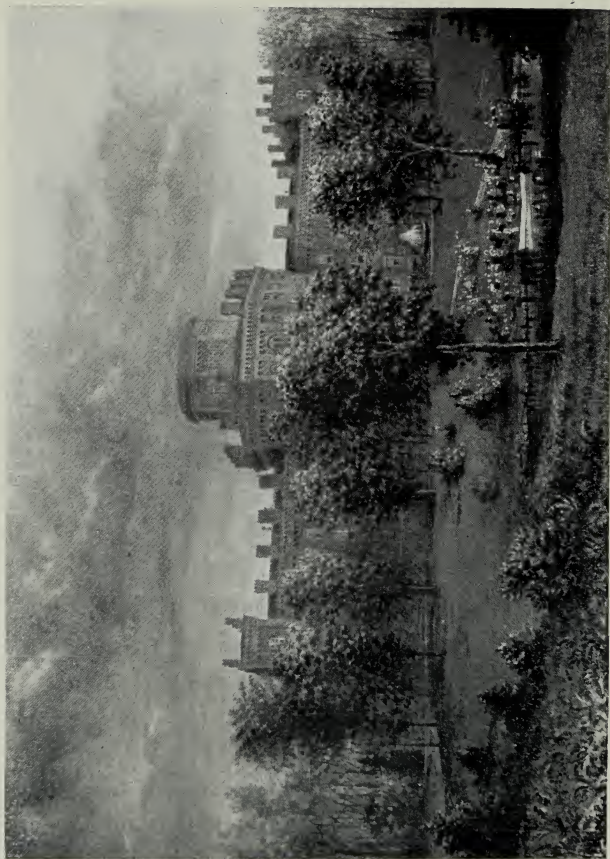
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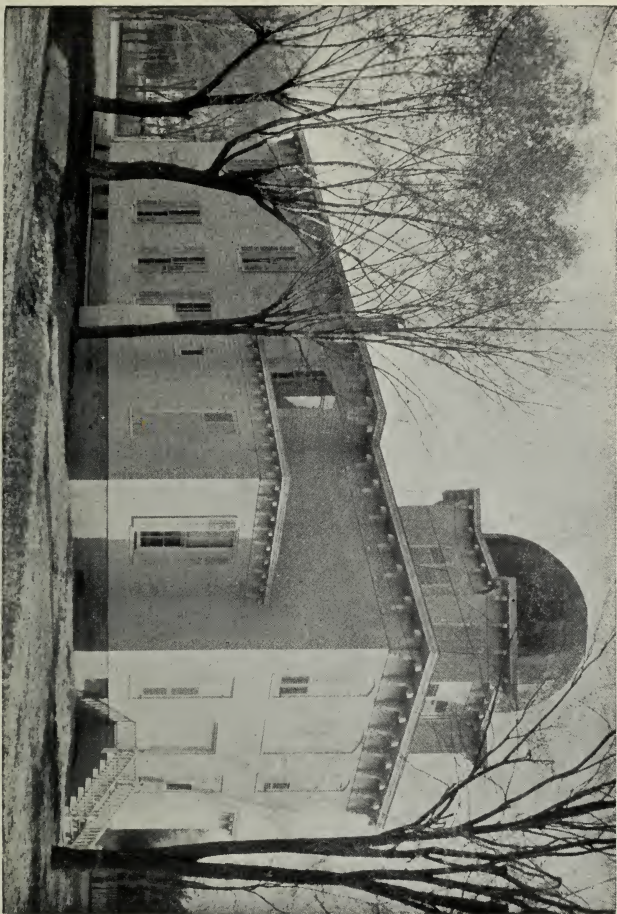
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The Forty-Sixth Annual Catalogue

of the Officers and
Students *of*

Elmira College

Elmira, New York.

1900=1901.



Advertiser Press:
Elmira, N. Y.

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1901.

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1902.

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College Calendar.

1901.

College Exercises begin Wednesday, January 9, 9 a. m.

Day of Prayer for Colleges, Thursday, January 31.

Second Semester begins Monday, February 4, 9 a. m.

Spring Recess begins Friday morning, March 29.

College Exercises begin Wednesday, April 10, 9 a. m.

Forty-sixth Commencement, Wednesday, June 12.

College opens September 18.

Registration and Entrance Examinations for new students, Wednesday, September 10, 9 a. m.

Registration and Examination for all other students, Thursday, September 19, 9 a. m.

College Exercises begin Friday, September 20, 9 a. m.

Thanksgiving Day, Thursday, November 28.

Thanksgiving occurs so near to Christmas recess that only the day will be observed as a holiday.

Winter Holidays begin Thursday morning, December 19.

1902.

College Exercises begin Wednesday, January 8, 9 a. m.

Day of Prayer for Colleges, Thursday, January 30.

Second Semester begins Monday, February 3, 9 a. m.

Spring Recess begins Friday morning, March 29.

College Exercises begin Wednesday, April 9, 8 a. m.

Forty-seventh Commencement, Wednesday, June 11.

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TERM EXPIRING IN 1902.

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President.

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President Emeritus.
Professor of Christian Evidences and Art Criticism.

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Professor of Latin Language and Literature.

* Absent on leave.

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MARJORIE LINCOLN ALLEN,
Hygiene, Elocution and Physical Culture.

GEORGE MORGAN McKNIGHT,
Director of Music School.
Vocal Culture and Organ.

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Piano and Harmony.

SARAH SHATTUCK VERRILL,
Piano.

KATHARINE CLARA GRIFFES,
Piano.

JOHN K. ROOSA,
Violin.

GEORGE W. WATERS.
Director of Art School.

MABEL WATERS.
Instructor in Art.

CORNELIA PORTER DWIGHT,
Secretary of Faculty.

RUEY E. BROWN,
Librarian.

DARIUS REYNOLDS FORD, D. D.,
Curator of Museum.

Other Officers.

HELEN E. FORD,
Registrar.

CHARLOTTE M. JONES,
Matron.

THOMAS BARNES,
Steward.



A VIEW OF THE GROUNDS

General Information.

Elmira College

Is located in the City of Elmira, in the State of New York. It was chartered by the legislature in 1855. It was the first institution exclusively for women which had as high a standard as colleges for men. At that time there were many seminaries and boarding schools for girls, but no college designed for the higher education of women which offered a Baccalaureate degree which should have as high value as that conferred by colleges for men. This historic institution was founded by large-hearted and far-sighted men, who at that time put in motion a new educational force which has become a large factor and wholesome influence in the busy and complicated life of the present. The founders of this untried system of education for women had courage and wisdom to lay a foundation and complete a plan which has given dignity to the purpose they had in mind. Founded in 1855 Elmira College has steadily advanced to meet the growing demands of the times, so that although among women's colleges it is the oldest, it is to-day in spirit, modern. Its ideal spirit enables it to maintain an individuality of fearlessness, of earnestness and of reverence for the highest things of life.

Campus.

The campus is picturesque, containing about fourteen acres. It is laid out in walks and covered with trees and shrubs which surround the lake lying in the hollow at the foot of the hill. Beyond the lake are tennis courts and the basket ball field where students at appointed times enjoy their favorite games. In spring and autumn the lake affords an opportunity for rowing, and in winter for skating. Among the stately

shade-trees and shrubbery are rustic seats for the accommodation of those connected with the College.

Main Building.

The main building is three hundred feet in length and is five stories in height. Although erected almost half a century ago, one is impressed on entering its doors with the substantial appointments everywhere visible. It is equipped with electric lighting and steam heating appliances, elevator and fire escapes.

First Floor.

The first floor is occupied with the scientific laboratories, lecture rooms and gymnasium. The physical laboratory is furnished with balance, spectroscope, microscope, volt, ampere-meter, Wheatston bridge, battery, dynamo and many other pieces of apparatus for illustrations and laboratory work. Additions are made each year of the most modern apparatus. The chemical laboratory is thoroughly ventilated and well lighted. It is equipped for general analytical work. The lecture rooms are commodious and furnished especially with a view to comfort and convenience. The gymnasium is equipped for free work and light gymnastics, including work with wands, dumb bells, Indian clubs and chest weights.

Second Floor.

In the rotunda on the second floor is situated the chapel, equipped with an excellent Hook and Hastings organ. From this radiate corridors to the various wings of the building. In the west wing are situated the parlors and society rooms, well furnished and equipped with libraries. In the east wing are located the offices of President and Registrar, and the new Biological laboratory containing compound microscopes for class use, a series of charts, a human skeleton, an Auzoux dissecting manikin, etc., etc. Occupying the entire north wing is the dining room.

Third and Fourth Floors.

On the third and fourth floors are students' rooms, class rooms, the reading room thoroughly ventilated, warmed and lighted. The reading room is furnished with the leading magazines, weekly and daily papers.

Fifth Floor.

On the fifth floor is the College library, newly furnished, perfectly lighted and supplied with carefully selected works for purpose of study and investigation. Additions are made regularly each year of such books as are deemed necessary to the needs of the students. Adjoining this are the editorial rooms of the "Sibyl." In the south wing of this floor are the "Senior Parlors." Here the Seniors frequently entertain those of the College who with the passing years become their successors.

Sixth Floor.

The sixth floor is occupied with the Art gallery and studios, with casts and models. The students are given practical and theoretical instruction in drawing, painting, design and decoration.

Observatory.

The observatory is situated on the College grounds southwest of the main building. It is well equipped with a refracting telescope of 8½ inches clear aperture, a transit telescope, a sidereal clock and electric chronograph, besides other instruments necessary for astronomical investigation.

Museum.

The museum is the natural ally and supplement to the College library. It contains an extended collection of natural specimens which serve to illustrate the arts, industries and learning of mankind. The new museum of Elmira College is contained in Gillett Memorial Hall and is composed of several

thousand specimens of birds, minerals, rocks, fossils, etc., collected during the past forty years, mainly through the efforts of Dr. Ford.

I. Zoology.

In ornithology, sixty cases and one large cabinet contain over two thousand specimens of birds from North and South America, India and Australia. A few additional cases serve to exhibit several typical specimens of mammals and reptiles. All have been prepared and mounted by skillful taxidermists. Of invertebrate animals there are thirteen cases of insects, exhibiting coleoptera and lepidoptera; a number of cases of fresh water mollusk from the lakes and rivers east of the Mississippi; a small case of marine mollusks from the New England coast.

II. Botany.

The specimens in this department consist of a collection of species of plants found in the lower Mississippi Valley, a collection from the flora of New England, a cabinet containing the principal species of flowering plants in the local flora of Elmira and vicinity. To the above a large exhibit is expected in the near future.

III. Geology.

In this department are the following :

(a.) A cabinet of general geology.

(b.) A valuable collection of the principal ores of gold and silver found in the mining regions of the Rocky Mountains and parts of the Pacific coast.

(c.) A cabinet of the ores and products of the useful metals, as iron, copper, zinc, lead, tin and other metals employed in various industries of the world.

(d) A collection of specimens from the coal fields of America.

(e.) Fossil Geology is represented by a suite of large fossil casts and illustrative fossils of all systems.

(f.) A cabinet of gems and natural crystals, showing nature's geometric forms as well as the gems selected for the purposes of art and ornamentation.

IV. Mineralogy.

Here is (a) a set of type specimens illustrative of the more common minerals found in rocks. (b). Several hundred specimens of minerals common in the Lake Superior region, New York and Pennsylvania.

V. Archæology.

A collection of antiquities, such as ancient books, parchments, deeds, forms of pottery, medals, Roman lamps, glass work, relics from battle-fields and many specimens illustrative of olden times.

VI. Numismatics.

This department contains a rare collection of ancient Greek and Roman coinage, representing a period reaching back almost to the time of Christ, also coins illustrating the history of the Middle Ages, together with a large number now in use among the nations of the world. These, with a few specimens of rare paper money, are conveniently arranged for inspection.

College School of Music.

Through the generosity of the late Solomon L. Gillett, one of the most complete buildings for the study of music was built on the east side of the campus. It is named "The Gillett Memorial Hall," in honor of the donor. The building is a brick and stone structure, containing twenty-two furnished rooms, which are isolated one from another by padded walls and floors. It is heated by steam, lighted by electricity and thoroughly ventilated. It is equipped with twenty pianos, a reading room, reference library, and all conveniences for thorough study and comfort. The faculty is

composed of professors whose training in America and Europe and their acquired reputation in this country guarantees to students a thorough musical education.

The College Faculty

Is arranged with the view of giving its students the advantage of "Co-instruction." The original idea of the founders was that as far as possible the faculty should consist of equal numbers of men and women of dignified life, broad learning, and Christian culture. Thus the students are not only brought under the refining influence of cultured womanhood, but also under the strengthening and inspiring influence of masculine methods of thought. These influences together tend to develop strength and grace of character and give students the broadest possible conception of life.

THE AIM of the institution is that its life shall include all the refining influences of a cultured home, and to this end the student body is limited in number. Every student enjoys the personal friendship of the president, professors and other members of the college household.

THERE ARE two literary societies, Kappa Sigma and Phi Mu, which meet on alternate Friday evenings in their respective rooms, which have been beautifully furnished and are equipped with large libraries. Literary, musical and dramatic entertainments are frequently given. Securing members among the new students and carrying on social functions during the College year lead to energetic and friendly rivalry between the societies. At stated times the societies entertain each other, their friends and members of the college household.

THE BIOLOGICAL SOCIETY meets once a month for the discussion and study of recent scientific investigations.

THE MENDELSSOHN CLUB gives concerts during the year. Through the Music School many renowned musicians are brought to the College.

THE GLEE AND MANDOLIN CLUBS consist of the students of special musical talents. These organizations are attractive factors in the social life of the College.

THE COLLEGE is strictly unsectarian, its Board of Trustees being chosen from the following Christian denominations : Baptist, Congregational, Dutch Reformed, Episcopal, Methodist and Presbyterian. Its whole influence is Christian, and denominational preferences of students are most carefully regarded. There is daily morning service in the chapel. Instruction is given in Biblical Literature and Christian Sociology.

THE CHRISTIAN ASSOCIATION holds regular meetings to promote the religious life in the College. There is also a chapter of the College Settlements Association.

THE HEALTH of the students is in charge of the matron and a physician. The infirmary is large and open to the southern sun. It is well fitted with comforts for the sick, and careful nursing is given them without extra charge. The gymnasium is in charge of an experienced and competent teacher, and work conducive of grace and health is required. The general health of the students is remarkable, as scarcely a case of severe illness has been known in the history of the College.

THE SUCCESS of Elmira College graduates in securing and satisfactorily filling lucrative positions is remarkable. This is due to the thorough training during the course with a view to exercising their gifts as teachers, to the advantages peculiar to "co-instruction." The result is that an ever-increasing number of institutions of learning are constantly applying to the College for graduates to fill important positions.

ELMIRA is an important railway center, the following roads passing through the city : The Delaware, Lackawanna & Western, Lehigh Valley, Erie, Northern Central, and Pennsylvania.

All checks should be made payable to Elmira College.

The College year is divided into semesters of nearly equal length—September to February—February to June.

Students residing in the College will be charged per year as follows :

Tuition, home and board (except Music and Art, which are extras)	\$300 00
Room alone	50 00
Registration fee, when room is taken	5 00
Laboratory fees, chemicals, materials, etc	5 00
Extra charge for meals sent to room	25
Extra charge for laundry, per doz	50
Students whose permanent homes are in Elmira, will be charged for tuition.	75 00

In all other cases students will be required to reside in the College. This is essential to maintaining the home spirit and social life, which is characteristic of the institution.

Payments will be made as follows :

Students, resident in the College, will pay on entering in September	\$200 00
Students, not resident in the College, will pay on entering in September	50 00

The remainder at the opening of the second semester.

Students, whose bills are not paid within twenty days after the opening of each term, will be debarred from the classes.

Extra Charges per Semester—Music and Art.

Piano, three half-hour lessons a week	\$ 50 00
Piano, two half-hour lessons a week	35 00
Piano, two half-hour lessons a week (primary)	17 00
Organ, two half-hour lessons a week	40 00
Organ, one half-hour lesson a week	25 00
Vocal Culture, three half-hour lessons a week	60 00
Vocal Culture, two half-hour lessons a week	40 00
Violin, three half-hour lessons a week	60 00
Violin, two half-hour lessons a week	40 00
Violin, one half-hour lesson a week	25 00
History of Music, in class	5 00
Harmony, two half-hour lessons, in class	10 00
Use of Piano or Organ, for two hours or less daily practice	5 00
Use of Piano or Organ, for more than two hours and not to exceed four hours	10 00

The Choral Class is free to all music students and all regular students.

Drawing or painting	\$ 35 00
Oil Painting from Life	50 00

Students in Music and Art, whose bills are not paid twenty days after the first lesson, will be refused further instruction.

Requirements for Admission to the Freshman Class.

I. Classical Course.

All applicants to the Freshman Class must present satisfactory testimonials of good character.

Registration blanks are provided by the College.

All students who take the regular course leading to a degree are required to pass examinations in the following subjects ;

I. English books prescribed for reading are :

In 1901 and 1902 : Shakespeare's Merchant of Venice ; Pope's Iliad. Books I, VI, XXII and XXIV ; The Sir Roger de Coverley Papers in the Spectator ; Goldsmith's Vicar of Wakefield ; Coleridge's Ancient Mariner ; Scott's Ivanhoe ; Cooper's Last of the Mohicans ; Tennyson's Princess ; Lowell's Vision of Sir Launfal ; George Eliot's Silas Marner.

In 1903 and 1904, Shakespeare's Merchant of Venice and Julius Cæsar ; The Sir Roger de Coverley Papers in the Spectator ; Goldsmith's Vicar of Wakefield ; Coleridge's Ancient Mariner ; Scott's Ivanhoe ; Carlyle's Essay on Burns ; Tennyson's Princess ; Lowell's Vision of Sir Launfal ; George Eliot's Silas Marner.

In 1901 and 1902 : Shakespeare's Macbeth ; Milton's Lycidas ; Comus. L'Allegro and Il Penseroso ; Burke's Speech on Conciliation with America ; Macaulay's Essays on Milton and Addison.

In 1903 and 1904 : Shakespeare's Macbeth ; Milton's Lycidas ; Comus. L'Allegro and Il Penseroso ; Burke's Speech on Conciliation with America ; Macaulay's Essays on Milton and Addison.

One third of the examination period is given to answering questions chosen from books prescribed for reading, and the candidate is required to give evidence of a general knowledge of the subject taken and lives of the authors indicated.

The remaining time of the examination is occupied with writing three essays (250 words each) upon subjects taken from books prescribed for study and practice. The object of the examination is to test the student's ability to express

thought clearly and correctly, also to test familiarity with the works prescribed. The ability to write good English will be considered of first importance.

Mathematics. Metric System.

University Algebra through Quadratic Equations.

Plane Geometry.

A recent review of mathematical work is necessary in order to do the work of the College successfully.

Latin. Grammar, Allen and Greenough, Gildersleeve-Lodge or Bennett.

Latin Composition, Daniell (Parts I and II), or Collar (Parts III and IV), or an equivalent.

Cæsar, Gallic War, four books.

Cicero, seven orations, the Manilian Law counting for two.

Vergil, *Aeneid*, six books. Translation at sight from Cæsar, and Cicero's orations.

Roman pronunciation is used.

In addition to the Latin one other language is required. The second language may be Greek, German or French.

Greek. Grammar, Hadley and Allen, or Goodwin.

Xenophon, *Anabasis* or *Hellenica*, four books.

Homer, *Iliad* or *Odyssey*, three books.

Prose Composition, Collar and Daniell, (Exercises I—LXXXV), or equivalent.

A thorough familiarity with the fundamental rules of syntax is required. The candidate must be able to translate at sight easy passages from Xenophon or Homer, and to translate into Greek simple prose based on passages from Xenophon.

German. Grammar, Joynes-Meissner.

German Reader, Joynes. Storm's *Immensee*. Höher als die Kirche, *Wilhelmine von Hillern*.

Anderson's *Bilderbuch ohne Bilder*.

Schiller, *Jungfrau von Orleans*. Heyse's *La Rabbiata*. Goethe's *Iphigenie*.

Translation of easy German at sight.

Equivalents in reading will be accepted, but no amount of reading will be accepted in the place of a thorough knowledge of the grammar.

French. A practical knowledge of French Grammar, with special reference to the conjugation of regular and irregular verbs; the forms

and positions of the various pronouns; demonstrative and interrogative adjectives; the inflections of nouns and adjectives; the use of the articles and the partitive constructions.

The following works or their equivalents:

Van Daell, Introduction to French Authors; Halévy, L'Abbé Constantin; Mérimée, Colomba; Daudet, La Belle Nivernaise; Claretie, La Frontière; Molière, Les Precieuses Ridicules.

To be memorized, six fables of La Fontaine and three poems of Victor Hugo.

Translations of unspecified passages from easy French authors.

History. Greek and Roman History, American or English History. Myer's History of Greece as contained in the Eastern Nations and Greece, Allen's Rome and Montgomery's Leading facts of American and English History are named to indicate the amount required.

II. Scientific Course.

The requirements for entrance are practically the same as in the Classical Course and are in substantial accord with the work of the committee of ten, which prepared the entrance requirements for the leading colleges of the country. For those who desire to take this course some modification in the languages required will be made, so as to enable them to devote more time to studies directly in the line of science.*

III. Special Studies.

Special Students will be admitted to the classes for which their previous work has given the needed preparation.

Resident special students will be required to elect not less than nine hours a week, the maximum number allowed being the same as for regular students.

Admission to Higher Classes.

Candidates will be admitted to higher classes if they bring certificates from other colleges covering ground gone over by the class elected.

Without such certificate the applicant will be required to pass examination in the studies previously pursued by the class she wishes to enter.

*For particulars correspond with the President.

Admission by Certificate.

Students are admitted without examination in the following cases :

When they bring certificates of the Regents of the University of the State of New York which meet the requirements for admission to the College.

When they bring certificates from approved schools. The work gone over must be specified, the text books used and the date of the examination given.

The College reserves to itself the right to withdraw the above privilege in case students fail, after fair trial, to maintain their standing.

Those presenting certificates for admission are requested to present them to the President, if possible, not later than the first week in June.

Examinations.

Examinations for admission will be held at the College at 9 o'clock A. M., June 7, and 9 o'clock A. M., September 18, 1901.

Candidates are advised to present themselves promptly, and are advised to prefer the June examination, so as to leave opportunity to make up deficiencies.

For the convenience of those living at a distance from the College arrangements will be made, when desired, for examinations at or near their homes. In such instances, the President should be notified not later than the first week of June. The necessary arrangements will be made then, and the applicant at once informed of them.

Applications for examinations should be made to the President.

Assignment of Rooms.

Assignment of rooms will be, as far as practicable, in accordance with date of application.

Courses of Study.

The Course of Study, both Classical and Scientific, leading to the Baccalaureate degree (A. B. or B. S.), extends over four or five years. The Course of Study is prescribed for the Freshmen. In the other years the course is arranged to allow students some elective work. Fifteen hours of recitation a week are required throughout the Freshman and Sophomore, Junior and Senior years. More than fifteen hours of work will not be allowed, except by special permission. No student is allowed to choose a subject of a year in advance of her own class, except by special permission. Students in the Scientific Course must elect nine or ten hours of science during three years of the course. Two hours and a half of laboratory work in any science are considered the equivalent of one hour of recitation,

Summary of the Courses of Study.

Freshman Year.

FIRST SEMESTER.

Figures indicate the number of hours a week.

Classical Course.

Scientific Course.

ALL REQUIRED.

Latin	4	Latin	3
Greek		French or	
French or	3	German	4
German		Algebra	4
Algebra	4	English	2
English	2	English Literature	1
English Literature	1	Biblical Literature	1
Biblical Literature	1		

SECOND SEMESTER.

Classical Course.

Scientific Course.

Latin	4	Latin	3
Greek		French or	
French or	3	German	4
German		Geometry	4
Geometry	4	English	2
English	2	English Literature	1
English Literature	1	Biblical Literature	1
Biblical Literature	1		

Sophomore Year.

FIRST SEMESTER.

*Classical Course.**Scientific Course.*

REQUIRED.

French	}	French or	}	4 or 3
German or		German		3
Greek		Latin		4
Trigonometry		Trigonometry		2
English Literature		Physics (1)		
Physics (1)				

ELECTIVE.

French	2	French or	}	4 or 3
German	2	German		
Latin	2			
Greek	2	Greek		4
English	2	English		3
Political Economy	3	Political Economy		3
General Biology	3	General Biology		2
Physiology	3	English Literature		3
Elocution		Physiology		
Spanish or Italian		Elocution		
		Spanish or Italian		

The third Language may be begun in Sophomore year or second entrance language may be continued if preferred, but if third language is begun it must be continued throughout the Junior year.

Opportunity to begin a language is offered only in the Sophomore year, with the exception of Greek.

SECOND SEMESTER.

*Classical Course.**Scientific Course.*

REQUIRED.

French	}	French or	}	4 or 3
German or		German		3
Greek		Latin		2
Physics (2)		Physics (2)		3
English Literature		Analytical Geometry		

ELECTIVE.

French	2	Botany	3
Logic	2	Logic	2
German	2		
Latin	2		
Greek	2		
Botany	3	English	2
English	2	English Literature	
Analytical Geometry			
Elocution		Elocution	
Spanish or Italian		Spanish or Italian	

Junior Year.

FIRST SEMESTER.

*Classical Course.**Scientific Course.*

REQUIRED.

History.	3	Chemistry, (1)	4
		History,	3

ELECTIVE.

Analytical Geometry.	3	Analytical Geometry.	3
Calculus.	2	Calculus,	2
English.	2	English.	2
Old English.	2	Old English.	2
English Literature.	2	English Literature.	1
Physics (3).	2		
Greek.	2	French or	2
Latin.	2	German.	2
German.	1 or 2	Physics (3).	2
French,	2	Invertebrate Zoology,	3
Invertebrate Zoology.	2		
Chemistry (1).	4		
Elocution,		Elocution.	
Spanish or Italian,		Spanish or Italian.	

SECOND SEMESTER.

*Classical Course.**Scientific Course.*

REQUIRED.

Psychology.	3	Psychology,	3
		Chemistry (2),	3

ELECTIVE.

French.	2	French,	2
German.	1 or 2	German,	2
Greek.	2	Calculus,	2
Latin,	2	Theory of Equations,	3
Calculus,	2	English,	2
Theory of Equations.	3	English Literature.	2
Chemistry, (2)	3	Sociology,	2
English,	2		
English Literature.	2	History,	3
Sociology,	2	Vertebrate Zoology.	3
History,	3	Elocution.	
Elocution,		Spanish or Italian.	
Spanish or Italian.			

If third language is begun in Sophomore year, it must be continued throughout the Junior year.

Students electing Calculus in the first Semester will be required to continue it through the year.

Senior Year.

FIRST SEMESTER.

*Classical Course.**Scientific Course.*

REQUIRED.

Biblical and Ancient Literature.	2	Biblical and Ancient Literature,	2
History of Philosophy,	3	History of Philosophy.	3

ELECTIVE.

English,	1	History.	2
History,	2	English Literature,	2
English Literature,	2	French.	2
French,	2	German.	1 or 2
German.	1 or 2	Greek.	1
Greek,	1	History of Education.	2
Latin,	2	Chemistry, (3)	3
Chemistry, (3)	1	Astronomy.	3
History of Education,	2	Old English.	3
Astronomy,	3	Elocution.	
Old English,	3	Spanish or Italian,	
Spanish or Italian.			

SECOND SEMESTER.

*Classical Course.**Scientific Course.*

REQUIRED.

Biblical and Ancient Literature,	2	Biblical and Ancient Literature,	2
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ELECTIVE.

Modern Philosophy,	3	Art Criticism.	4
Art Criticism,	4	Ethics,	3
Ethics,	3	English.	1
Pedagogy,	2	Old English,	3
Greek, short course,	1 or 2	English Literature,	2
Latin,	1 or 2	Pedagogy.	2
German,	1 or 2	Latin,	1 or 2
French,	2	German.	1 or 2
Mineralogy,	2	French,	2
Entomology,	2	Entomology.	2
Chemistry, (4)	2	Chemistry, (4)	2
Geology, (1)	3	Modern Philosophy,	3
History.	2	History,	2
English,	3	Mineralogy,	2
Old English,	1	Geology, (1)	3
English Literature,	2	Spanish or Italian,	
Spanish or Italian,		Elocution.	
Elocution.			

Five Years' Course.

Students who wish to give special attention to Music or Art are advised to take five years to study for the degree, or those whose health will not permit the accomplishment of the required work in four years, may distribute the work over a period of five years.

Courses in Detail.

Latin.

1. Livy. Books I and XXI or XXI-XXII (Westcott); Quantity; Early Roman History and the second Punic war; Latin Prose Composition. Four hours. Required of Classical Freshmen.

2. Cicero. De Senectute (Rockwood) or de Amicitia (Bennett); Syntax and Etymology; Latin Prose Composition; exercise in written translation. Four hours. Required of Classical Freshmen.

3. Horace. Odes and Epodes (Smith); Prosody; Review of Syntax and Etymology; exercise in written translations. Four hours. Required of classical Freshmen.

4. Tacitus. Agricola and Germania (Hopkins); the subjunctive mood and final expressions; special papers by the class. Two hours. Elective for Sophomores.

5. Horace. Satires and Epistles (Greenough); study of the Roman satire. Two hours. Elective for Sophomores.

6. Juvenal. Satires (Hardy); study of the development of the Roman satire; papers on assigned topics suggested by the text. Two hours. Elective for Juniors.

7. Epigraphy. Latin Inscriptions (Egbert); lectures on the salient points of Roman manuscripts. Two hours. Elective for Juniors.

8; Pliny. Letters (Westcott); papers on assigned topics suggested by the text. Two hours. Elective for Juniors.

9. Elegiac Poets (Carter). Two hours. Elective for Juniors.

10. Tacitus. *Dialogus* (Gudeman) or *Cicero de Oratore* (Owen) ; papers on assigned topics ; the study of Roman oratory. First semester. Two hours. Elective for Seniors.

11. Terence. *Phormio* (Sloman) ; the study of the Roman Comedy. First semester. Two hours. Elective for Seniors.

12. Plautus. *Captivi* (Elmer) ; the study of Roman comedy. First Semester. Two hours. Elective for Seniors.

13. Vergil. *Aeneid*, *Georgics* and *Bucolics*, studied from a literary and historical point of view, after the manner of the German Seminar. Second semester. Two hours. Elective for Seniors.

For students who desire to take the Scientific Course, some modification in the Latin required will be made so as to enable them to devote more time to studies directly in the line of science.

Greek.

1. Lysias, selected orations. Plato, *Apology* and *Crito*. Homer, *Odyssey*, selected books. Review of Attic inflections and syntax. Exercises in composition, based on text of prose authors read. Translation at sight. Outline study of the History of Greek Literature. Three hours.

This course is designed for Freshmen, but is open to any student who has satisfied the requirements for admission.

2. Demosthenes, *Philippics*. Study of Attic Oratory. Aristophanes, *Clouds* and *Frogs*. Study of Attic Comedy. Two hours. Elective for those who have completed Course 1.

3. Herodotus and Thucydides, selected books. Study of the Greek Historians. Sophocles, *Antigone*. Euripides, *Medea* or *Alcestitis*. Study of the Attic Drama. Two hours. Elective for those who have completed Course 1.

Courses 2 and 3 are given in alternate years. Course 3 will be given in 1900—1901.

Advanced Prose Composition, with study of special topics in Greek syntax, based on the *Hellenica* of Xenophon.

Rapid reading of selections from Xenophon and Homer. One or two hours. Elective for Seniors.

This course is arranged with special view to the needs of those who wish to teach Greek, and is open only to Seniors of approved ability and attainments.

5. Elementary Greek. These courses are open to Freshmen or Sophomores who elect Greek as their third language.

A. Greek Grammar. Anabasis, Book I. Selections from the New Testament. Prose Composition. Four hours.

B. Anabasis, Books II and IV. Selections from the Hellenica of Xenophon. Homer, Iliad, three books. Translation at sight and hearing. Prose Composition. Three hours.

German.

1. Grammar, Joynes-Meissner; Hewett's German Reader; Andersen, Bilderbuch ohne Bilder; Gerstäcker, Irrfahrten—Some of the most familiar German poems are committed to memory. First and second semesters, four hours.

2. Required of Freshmen, Scientific Course. Grammar continued. Harris, German Prose Composition; Schiller, Jungfrau von Orleans; Heyse, La Rabbiata; Goethe, Iphigenie auf Tauris; Goethe, Italienische Reise.

First and second semesters, four hours.

3. Required of Freshmen, Classical Course. Lessing, Nathan der Weise; Schiller, Wallenstein [entire]; Deutsche Litteratur, Kluge. Essays. The work in literature is a special feature of the Freshman year, one third of the time being devoted to this subject. Lectures on Schiller and Goethe and their works, and lectures on The Thirty Years' War in connection with Wallenstein. First and second semesters, three hours.

4. Goethe, Faust, I Theil; Chamisso, Peter Schlemihl; Wichert, Ein Schritt vom Wege; Scheffel, Ekkehard; Heine, Harzreise; Buchheim, Prose Composition. Lectures on the Rise of Prussia and the Dynasty of the Hohenzollerns. First and second semesters, two hours.

5. Scheffel, Trompeter von Säkkingen; Schiller, Don Carlos; Freytag, Die verlorene Handschrift; selections from various authors; Buchheim, Prose Composition. Lectures on Germany in the early part of the nineteenth century—Deutschland in seiner tiefsten Erniedrigung. Der Befreiungskrieg. First and second semesters, two hours.

6. Freytag, Die verlorene Handschrift [continued]. Selections from Jean Paul Richter. Heinrich von Sybel, Die Erhebung Europas. Selections from various authors. Buchheim, Prose Composition. Lectures on Germany continued, also on Heine, Richter and other authors. Much time is devoted to sight translation and to reading outside of the work done for the class room. First and second semesters, two hours.

7. Selections from modern authors, with reading outside of class room work. Essays written on the subjects studied. Lectures on the History of Germany continued and on the German literary life of to-day. First and second semesters, one hour.

German is the language of the class room.

French.

1. Grammar, Fasnacht; Bercy, Le Français Pratique. Oral and written exercises. Texts: Van Daell, Introduction to French authors; Halévy, L'Abbé Constantin. Six fables of La Fontaine to be memorized. Four hours.

2. Grammar continued. Grandgent, Material for French Composition; Chardenal, French Conversation; Fasnacht, Select Specimens of the great French writers; George Sand, La Mare au Diable; Mérimée, Colomba; Daudet, La Belle Nivernaise; Molière, Les Précieuses Ridicules. Memorizing of selected poems. Four hours. Required of Scientific Freshmen.

3. La Littérature Française au XVII^e Siècle. Fasnacht, Select Specimens of the great French writers; Corneille, Le Cid, Polyeucte; Racine, Andromaque, Athalie; Molière, Le

Misanthrope, L'Avare, Les Femmes Savantes; Mme. de Sévigné, Lettres Choiesies. Three hours. Required of Classical Freshmen.

4. La Litterature Française au XVIII Siècle. Rousseau, Morceaux Choiesies; Voltaire, Zaïre; Beaumarchais, Le Barbier de Seville; André Chénier, Poésies Choiesies; Diderot and Montesquieu, Extraits Choiesies. Two hours.

5. La Litterature Française au XIX Siècle. Victor Hugo, Hernani, Ruy Blas, Notre Dame de Paris; A. de Vigny, Le Cachet Rouge; Chateaubriand, Atala; Lamartine, Graziella; Mellé, Contemporary French writers. Two hours.

6. Poésie Lyrique au XIX Siècle. Lamartine, Victor Hugo, Alfred de Musset, Alfred de Vigny, Théophile Gautier, Leconte de Lisle, Sully Prudhomme, François Coppée.

7. Le Théâtre au XIX Siècle. Scribe, Alexandre Dumas, Augier, Sardou, Rostand.

8. Le XVI Siècle en France, Darmstetter and Hatzfield. Chanson de Roland, Extraits. Old French Lyrics. De Montaigne, Essais.

Italian.

1. Grandgent, Italian Grammar. Oral and written exercises. Texts: De Amicis, Cuore (I Racconti mensili). Salvatore Farina, Il Signor Io.

2. Literature of the Thirteenth and Fourteenth Centuries. Dante, La Divina Commedia; Petrarch, Rime Scelte.

Spanish.

1. Ramsey, Text-Book of Modern Spanish. Butler-Clarke, First Spanish Reader and Writer. Alarcón, El Capitán Veneno.

2. Classical Course. Selections from Cervantes, Lope de Vega and Calderon.

The courses in Italian and Spanish extend over two years and are open to Juniors and Seniors.

English.

1. Theory and practice of English Composition. Her-
rick and Damon's Composition and Rhetoric. Theme
writing throughout the year, based on Buck and Wood-
bridge's Expository Writing.

Two hours. Required for all Freshmen.

2. Writing course in English prose forms. Critical read-
ings from English prose. Theme work throughout the year.

Two hours. Open to all who have completed Course one.

3. Argumentation. Buck's Argumentative Writing.

Two hours. Open to all who have completed Course one.

4. Course in daily theme writing. Class criticism.

One hour. Open to all who have completed two English
courses.

English Literature.

1. Prose writers of the Nineteenth Century. First sem-
ester. Poets of Nineteenth Century. Second semester.
Required of Freshmen. One hour through the year.

2. Seventeenth and Eighteenth Century Authors, with
especial reference to the development of English Prose, and
the Novel. Two hours a week throughout the year. Re-
quired of Sophomores.

3. Nineteenth Century Poetry, with especial reference to
Tennyson and to Browning. First semester. One hour.

4. Chaucer. The Canterbury Tales and some of the
Minor Poems.

5. English Romanticism, beginning with Spenser. Sec-
ond semester; Junior year.

6. Epic and Lyric Poetry in English Literature, with a
study of parts of Paradise Lost and the minor poems of
Milton.

7. The Development of the Drama. Miracles, Moralities
and Interludes. Shakespeare: A study of some of the
plays. One or two hours a week. First semester, Senior.
Elective.

8. Shakespeare: A study of two or three plays. Study

of Browning one or two hours a week. Elective for Seniors in second semester.

9. Nineteenth Century Prose. Carlyle, Newman, Ruskin and some of the novelists. For Seniors. Two hours.

10. Old English: Siever's Old English and Bright's Grammar, Anglo-Saxon Reader; Cynewulf, Elene. Elective for Seniors and Juniors, first semester. Three hours.

Other courses in English and American Literature will be given if desired.

Biblical and Ancient Literatures.

1. The study of the Bible is assigned a fixed place in the curriculum, for Freshmen and Seniors. This study is required of candidates for a degree. This work is conducted from a literary and historical point of view, not from a doctrinal one. The student is required to enter in a note book the results of the lectures, and these note books are subject to inspection by the instructor.

2. This course of lectures gives in outline the origin of literatures, with the rise of alphabet writing. Illustrations are given from the ancient monuments, manuscripts and tablets. Attention is given to Greek literature and select readings from the most celebrated dramas of Æschylus, Sophocles and Euripides. Selections are also made from choice Latin hymns, and from Dante, Tasso, and the Spanish Ballads, with class criticisms.

Christian Evidences.

Lectures on Christian Evidences, the History of the Early Christian Church and the writings of the Apostolic Fathers. The design is to conform the faith of those who already assent to the fundamental truths of revelation and accept the historical facts of the New Testament; it is also intended to meet fairly all the principal objections in the literature of modern unbelief. In the course on Church History a general view is also given of the ethnic religions in comparison with Christianity.

Philosophy.

1. Logic. Jevon's Lessons in Logic. Two hours, second semester. Open to Sophomores and Juniors.

2. Psychology : Lectures and recitations, including simple experiments. Stout's Outlines of Descriptive Psychology. Three hours, second semester. Required for Juniors.

3. History of Philosophy ; Weber's History of Philosophy with supplementary reading. Three hours, first semester. Required for Seniors.

4. Modern Philosophy. Lectures and selected readings. Three hours. Elective for Seniors.

Ethics.

Seth's Ethical Principles, Sidgwick's History of Ethics, supplemented by lectures. Recitations and discussions on Ethical Philosophy. Elective for Seniors, second semester. Three hours.

Economics and Sociology.

1. Political Economy; Walker's Political Economy.

The purpose of the course is to furnish a comprehensive view of the leading principals of economics, theoretical and applied. Three hours, first semester. Elective for Sophomores.

2. Outlines of Sociology. This course treats of the nature, methods and aims of society as a science, the structural developement of social life, history of the developement of the socialistic ideas, and discussions of the prominent movements of the day. Elective for Juniors. Two hours.

History of Education and Pedagogy.

This course is designed to meet the requirements of those authorities demanding teachers with a knowledge of "Teaching as a Science." The first semester of the Senior year is devoted to History of Education. The second semester's work consists of lectures in General Didactics, with a careful study of Methods of Culture, Methods of Instruction and

School Economy. Special Didactics is then taken up, giving each student practical class work by means of inductive sketches and deportment. Elective for Seniors.

History.

The aim of the work in History is to give a general survey of the history of mediaeval and modern Europe as a foundation for later specialization, and to introduce students to scholarly methods of historical study. The instruction is designed to give broad conceptions of the developement and mutual relations of political conditions and institutions of different eras, and to stimulate an interest in their investigation. The method of instruction includes lectures and recitations based on topical outlines, with papers, reports and discussions on special topics assigned for individual study.

1. History of Mediæval Europe. This course is an introduction to the general history of Europe, A. D., 300-1300, including the Roman Empire under Diocletian and Constantine; the barbarian invasions; the rise of the new Rome; the shaping and development of the church; the rise and extension of Mohammedanism; the growth of Frankish power and the empire of Charlemagne; the new nationalities; the Feudal System; the French monarch; the conflict between the Papacy and the Empire; the Crusades and their results. Three hours throughout the year. Required of Juniors.

2, First Semester.—The Renaissance and Reformation, to the Treaty of Westphalia. This course includes the rise of the Humanistic movement; the spread of the Renaissance through Italy, France, England and Germany; the decline of the Papacy; the struggle for the balance of power; the rise and progress of the Reformation; the growth of Protestantism and the reaction; the revolt of the Netherlands; the religious wars in France; the 'Thirty Years' War. Two hours. Elective for Seniors.

3. Second Semester.—Europe in the Seventeenth and Eighteenth Centuries. This course includes the expansion of France; French absolutism; the growth of international

relations ; the rise of Prussia ; the Seven Years' War ; English expansion ; the cause of the French Revolution ; the Directory ; the Napoleonic empire ; the war to the Congress of Vienna. Two hours. Elective for Seniors.

Art History.

The course of lectures in Art History embraces the principles of Æsthetics, with the history of art, ancient, medieval and modern. Biographical sketches of the great masters are given with critical study of their best works illustrated by a carefully selected collection of photographs of the most celebrated specimens in Architecture, Sculpture and Painting. Elective for Seniors. Four hours.

Mathematics.

1. Algebra. Four hours. First semester. Required of Freshmen.

2. Solid Geometry. Four hours. Second semester. Required of Freshmen.

3. Trigonometry, Plane and Spherical. Four hours. First semester. Required of Sophomores.

4. Analytic Geometry. Three hours. Second semester. Required of Scientific Sophomores.

5. Analytic Geometry. Three hours. First Semester. Elective for those who have taken Course 4.

6. Differential Calculus. Two hours. First semester. Elective.

7. Integral Calculus. Two hours. Second semester. Elective.

8. Theory of Equations. Three hours. Second semester. Elective.

Chemistry.

Course I. General Chemistry.

A study of the history, occurrence, preparation and properties of the more important non-metals and their compounds ; also a similar study of the more common metals.

The chemistry of a few of the simple compounds of carbon is taken up, together with the elementary principles of the qualitative separation of the metals.

Lectures, recitations and laboratory work. Required, four hours, first semester, Junior year.

Course II. Qualitative Analysis.

This course includes a systematic study of the separation of the metals and the detection of the more important acids. The theory of oxidation and reduction and the writing of characteristic equations is also taken up. Each student is given practice in determining the composition of unknown substances.

Lectures, recitations and laboratory work. Elective, three hours, second semester, Junior year. Must be preceded by Course I.

Course III. Quantitative Analysis.

This course includes the gravimetric determination of iron, sulphur, sulphur trioxid, aluminium, phosphorous pentoxid and magnesium, together with the volumetric determination of iron, calcium and oxalic acid. The student is instructed in the use of the analytical balance and in the preparation and standardization of normal solutions.

Lectures, recitations and laboratory work. Elective, three hours, first semester, Senior year. Must be preceded by Course II.

Course IV. Organic Chemistry.

A study of the typical organic compounds and of the relations between the different classes of organic compounds.

Lectures and recitations. Elective, two hours, second semester, Senior year. Must be preceded by Course I and students are advised to precede this course by Courses II and III.

Physics.

Course I. Mechanics, Heat, Sound.

This course is intended to give a general outline of the subject and is accompanied by such experiments as best

illustrate the fundamental laws of physics. Special attention is paid to the solution of problems.

Recitations and lectures. Required, two hours, first semester, Sophomore year.

Course II. Electricity, Magnetism, Light.

Continuation of Course I.

Recitations and lectures. Required, two hours, second semester, Sophomore year.

Course III. Physical Laboratory.

This course comprises quantitative physical measurements in Mechanics, Heat, Sound, Light, Electricity and Magnetism. It is designed to give the student some knowledge of instruments and of the methods used in experimental work.

Laboratory work. Elective, two hours, first semester, Junior year. Must be preceded by Courses I and II.

Geology.

Course I. (a) General Geology.

This course treats of the leading principles of the science, Physiographical, Structural, Dynamical and Historical Geology.

(b) Economic Geology.

Study of Coal, Iron, Building Stone, etc.

Lectures, recitations and field work.

Elective, three hours, second semester, Senior year.

Course II. Mineralogy.

A study of the more important minerals, illustrated by specimens and accompanied by practice in the determination of minerals.

Lectures and laboratory work.

Elective, two hours, second semester, Senior year.

Astronomy.

General Astronomy. The course consists of lectures and recitations, with work in the Observatory and frequent ob-

servations of the heavens with an eight and one-half-inch equatorial telescope.

Todd's New Astronomy.

Elective for Seniors. Three hours.

Biology.

I. General Biology. Lectures, occasional class exercises, and laboratory work. This course is intended to give the student a general view of biological science and to acquaint her with the beginnings of life and its developements. Lectures will deal with such subjects as the cell in isolation and combination, the relations of plants and animals, heredity, effects of environment, etc. The laboratory work will be principally microscopic and intimately connected with the facts discussed in the lecture. It will include the examination of unicellular plants and animals, and of more complex tissues. Three hours a week during first semester of the Sophomore year. Elective.

II. Invertebrate Zoology. Lectures, text-book recitations and laboratory work. This work will be both systematic and Morphological. A study will be made of the great groups of animals from the Protozoa to the Vertebrate. Laboratory work will consist chiefly in the dissection of typical forms. Three hours a week during the first semester. Open to those who have completed Course I or its equivalent.

III. Vertebrate Zoology. Lectures, text-book recitations and laboratory work. The great classes of the vertebrates will be studied according to anatomy, classification and life habits. Laboratory work will consist of an anatomical study of some of the typical forms and of some lessons in classification. Three hours a week during the second semester of the Junior year. Open to those who have completed Courses I and II or an equivalent.

IV. Botany. Lectures, recitations, and laboratory work. This course will include work in structural, physiological and

systematic botany. Laboratory work will treat subjects such as germinations, structure of organs, dissections of various plants and classification. An herbarium of classified specimens will be required, also a carefully kept note book of laboratory work. Three hours a week during the second semester of Sophomore year. Elective.

V. Entomology. Lectures and class work. Anatomical study of the insects, together with some collecting and classifying. Two hours a week during second semester of the Senior year. Open to those who have completed Courses I and II or an equivalent.

Physiology.

Physiology. Text book work is based on Martin's Human Body, Advanced Course, supplemented by the study of charts and the manikin. Anatomical demonstrations of the vertebrate organs are given, and dissections made of lower animals. This course is designed to be as practicable as possible. Special attention is given to Hygiene. Three hours a week during first semester of Sophomore year. Elective.

Laboratories and Scientific Collections.

There are two laboratories for Physics, furnished with apparatus for illustrations and laboratory work. The students use the balance, spectroscope, microscope, volt and ampere-meter, Wheatstone bridge, the battery and dynamo. The lecture room is arranged for both lantern and sunlight projections.

The Chemical laboratory is a large, well lighted and well ventilated room, furnished with the conveniences of water and gas. It is equipped for both general and analytical work.

The museum contains a large collection of birds, as well as the typical forms of animal life.

The work in Physiology is illustrated by a good series of charts, a human skeleton and an auzoux dissecting manikin.

The laboratory is provided with compound microscopes for class use.

The work in Geology is supplemented by a good collection of specimens, and casts of representative fossils of each era, and a collection of ores and useful minerals is used to illustrate Economic Geology.

The department of Botany is equipped with an herbarium comprising all the flora of New York State, and with dissecting and compound microscopes for class use.

Elocution.

Elocution. Text book, Emerson's Evolution of Expression. The design of this department is to teach Oratory as an art, resting absolutely on the laws of Nature, and to give thorough and systematic training in the principles upon which this art is founded. It aims to give a rounded development, to cultivate harmoniously the body, voice and mind, and to enable the student to analyze, interpret and render with appropriate effect all kinds of literary composition.

The voice is cultivated to be the natural reporter of the thought in expression.

Course I. For beginners. Voice culture. Rendering, Evolution of Expression, Articulation, Inflection, Quality of Tone, Pitch, Force, Volume, Modulation, Power and Abandonment in rendering Elementary Gesture.

Course II. For those who have completed Course I. Voice culture, Gesture, Rhythm, Music and Imagination in Rendering, Laws of Analysis; Personality in Rendering, Scenes from Shakespeare. One hour. Elective for all students.

Physical Training.

1. Floor work, free hand work, marching, running, gymnastic games, drills. Exercises for poise, carriage and general symmetrical development. Required of all First Year students. Three half hours.

2. Advanced Course. Continuation of Course I. Required of all members of Sophomore Class. Three half hours.

3. Fencing. Elective for Juniors and Seniors. Two half hours.

4. Medical Gymnastics for all students who are physically unable to take Courses I and II. Three half hours.

Physical Training is required of all resident students except Seniors. The Athletic Association is open to all members of the College and is under the direction of the department of Physical Training.

All gymnastic work is done under supervision, in order to prevent over-exertion on the part of the students. Students upon entering College are carefully examined, and their measurements taken before they are admitted to the Gymnastic classes.

All requests for omission of gymnastic work on account of ill health should be accompanied by a certificate from the student's family physician, giving the reasons in full. Such requests will be referred to a physician designated by the College.

School of Music.

A. CAMERON MACKENZIE, D. D. PRESIDENT.

GEORGE MORGAN McKNIGHT,

Voice and Organ.

Conductor of the Choral Class.

MARY SELENA BROUGHTON.

Piano and Harmony.

SARA SHATTUCK VERRILL.

Piano.

KATHARINE C. GRIFFES.

Piano.

JOHN K. ROOSA.

Violin.

The school of music occupies the Gillett Memorial Building, the generous gift of Mr. Solomon Gillett of Elmira, which affords ample accommodations for practice and instruction.

The purpose of the Music School is to give the best facilities for students who desire to pursue any branch of music, practical or theoretical, and to furnish the best possible opportunities for the study of Piano, Organ, Violin, Voice and Harmony.

Admission of Students.

Students may pursue musical studies exclusively without being otherwise connected with the College.

Students connected with the Academic Department are allowed to choose music as an elective study under conditions governing all other electives. Three hours of music practice are equivalent to one hour of recitation, but students working for a degree in the Academic Department cannot elect music to count as recitation for more than two hours in one semester.

DEGREE.

The degree of Bachelor of Music will be awarded only for post-graduate work of such quality as will meet the approval of the faculty.

DIPLOMA.

Students who complete any of the following courses of study can receive the Diploma of the department of Music.

While the theory of Music is not required, the necessity of some knowledge of Harmony for music students is so obvious that all students are advised to devote at least one year to this study, and the music students are also advised to take as many academic courses or studies as possible.

Public and private concerts by the musical faculty and students are given frequently, to enable the latter to hear other works than those they are studying, and to receive the benefit that comes from performances with and before other musicians. Recitals and concerts by famous performers are arranged from time to time, which are open to students of the School of Music.

Advantages are offered to those who wish to become church organists. The course includes not only solo playing, but also instruction in choir accompaniment and direction from teachers of practicable experience in those departments.

PIANO.—COURSE I.

Technical Exercises. Major and Minor Scales. Arpeggios in octaves. Czerny's Op. 849; Kullak's Octave School, Book I; Selections from Heller's Studies.

PIECES.

Sonatinas by Clementi, Kuhlman. Easy sonatas by Haydn, Mozart. Song Without Words by Mendelssohn. Solo pieces by modern composers.

COURSE II.

STUDIES.

Technical Exercises Mason's Touch and Technique. Study of Scales. Arpeggios on the triad and chord of the dominant seventh. Kullak's Octave School, Book I. Czerny's Op. 299, two books. Selections from Heller's Studies. Bach's Two-Part Inventions and Little Preludes.



ELMIRA COLLEGE SCHOOL OF MUSIC

PIECES.

Sonatas by Mozart and Haydn. Beethoven's Rondo in C. Songs Without Words and Caprices by Mendelssohn. Modern pieces by Gade, Jensen, Kirchner, Godard and others.

COURSE III.

STUDIES.

Mason's Touch and Technique. Kullak's Octave School, Book II. Czerny's 40 Daily Studies. Cramers' Studies, (Buelow).

PIECES.

Prelude and Fugue in C Minor by Bach. Beethoven's Sonatas Op. 2, Nos. I, II and III. Selections from Weber, Schumann, Chopin, Mendelssohn, Raff and other composers.

COURSE IV.

STUDIES.

Cramer's Studies (Buelow). Clementi's Gradus ad Parnassum. Czerny's 40 Daily Studies. Chopin's Studies.

PIECES.

Preludes and Fugues by Bach. Sonatas by Beethoven; Concertos by Weber, Mendelssohn and Beethoven. Difficult works by Chopin, Raff, Schumann, Saint-Saens, Moazowski Liszt and others.

ORGAN.—COURSE I.

Manual studies in two, three and four parts, by Thayer, Lemmens, Guilmant, Ritter and others, beginning of pedal playing, with studies by Thayer, Buck, Rinck; easy pieces by composers of the German, French and English schools; fundamental principles of registration.

COURSE II.

Choral preludes by Bach, Merkel and others; Buck's studies in pedal phrasing; easy Preludes and Fugues by Bach; moderately difficult pieces by Hesse, Merkel, Wely, Guilmant, Batiste, Smart and others; transcriptions by Best.

COURSE III.

Handel's Concertos; Mendelssohn's second Sonatas; Preludes, Fugues and Choral Vorspiele by Bach; concert pieces by the best German, French and English masters; registration and choir accompaniment.

COURSE IV.

Preludes, Fugues and Toccatas by Bach; Merkel's Sonatas; Chromatic Fantasie and Fugue; Rheinberger's Sonatas; difficult concert pieces and transcriptions by Lemmen's Guilmant, Widor, Saint-Saens, Best, Whiting and Eddy.

HARMONY AND MUSICAL THEORY.

In this course will be taught the principles of tone relation and combination, as included in the following divisions: Formation of the scales major and minor; chromatic and enharmonic intervals; consonances and dissonances; simple triads and their inversions; primary and secondary seventh chords in their original and inverted positions; suspensions. organ point; passing-notes and passing-chords; hidden fifths and octaves; cross relation; closing cadence; chromatically altered chords; modulation.

VOICE.

The old Italian or Lamperti method, as taught by William Shakespeare of London, is employed mainly in the formation of the singing voice; but the best features of other methods are used, according to the needs of the student.

COURSE I.

Technical drill; sight reading; elementary studies of Seiber, Concone, Marchesi; simple songs.

COURSE II.

Technical drill; sight reading; advanced studies of Concone, Garcia, Lutgan, Bonoldi; songs by the best composers; simple scenes and arias from operas, cantatas and oratorios.

COURSE III.

Technical drill ; sight reading ; studies of Lamperti, Panofka, Mazzoni, Rossini ; songs of Schubert, Schumann, Mendelssohn, Franz ; larger selections from operas and oratorios.

COURSE IV.

Technical drill ; sight reading ; difficult concerted pieces ; songs by various composers, classic and modern.

Terms of Each Semester.

PAYABLE IN ADVANCE.

Piano, three half-hour lessons a week	\$50 00
Piano, two half-hour lessons a week.....	35 00
Piano, two half-hour lessons a week (Primary) ...	17 00
Organ, two half-hour lessons a week	40 00
Organ, one half-hour lesson a week.....	25 00
Vocal Culture, three half-hour lessons a week.....	60 00
Vocal Culture, two half-hour lessons a week....	40 00
Vocal Culture, one half-hour lesson a week	25 00
Harmony, two half-hour lessons, in class	25 00
History of Music, in class	5 00
Use of Piano or Organ for two hours or less of daily practice...	2 00
Use of Piano or Organ for more than two hours and not to exceed four hours of daily practice	10 00

The Choral Class is free to all music students and to all students in the regular courses.

The Mendelssohn Club.

The Mendelssohn Club, conducted by the Director of the Music School, meets one hour each week. Attendance of members is required, and no one will be excused except for reasons that would avail in regular recitations. All students joining the Choral Class will be required to take part in the recitals.

Art School.

GEORGE W. WATERS, *Director of Art School.*

MABLE WATERS, *Instructor in Art.*

The aim of the Art School is to give practical and theoretical instruction in drawing, painting, design and decoration. The art studios occupy the upper floor of the main building. They are well arranged and are furnished with models and casts adapted for the study of art.

Students are admitted who wish to devote their time exclusively to art, and members of the college are allowed to choose art as an elective study, provided they devote not less than six hours a week to this work. In the arrangement of studies three hours of practical work in art are considered equivalent to an hour of recitation.

COURSE OF STUDY.

Course I. Drawing in black and white. Water color painting from geometrical and ornamental designs.

Course II. Drawing from casts* (Antique and Ornamental). Drawings from models of parts of the human figure.

Course III. Antique. Drawing from full length statue. Still life painting in oil and water colors.

Course IV. Drawing and painting from the draped model life. Landscape sketching.

Classes for outdoor sketching and modeling in clay will be formed as required. Other courses will be given to those who desire advanced work.

Courses of lectures are given by Dr. A. W. Cowles, supplementary to the practicable study of art, including the principles of artistic expression, and the history of ancient, medieval and modern painting, sculpture and architecture.

EXPENSES FOR EACH SEMESTER.

Drawing or Painting.....	\$35 00
Oil Painting from Life	50 00

The Students' Aid Fund.

The income of Mr. Simeon Benjamin's bequest of \$25,000 is devoted to the assistance of students. Applicants for this aid must become members of regular classes, must furnish evidence of ability and need, and must maintain more than an average rank in scholarship. Requests for further information should be made to the President.

Degrees.

Students in either Classical or Scientific Courses who show proficiency in their work are granted honors of distinction, as follows : *Summa cum laude*, *magna cum laude*, *cum laude*.

The following degrees will be conferred by the Trustees of the College :

Bachelor of Arts.

Bachelor of Science.

Bachelor of Music.

Master of Arts.

REQUIREMENTS FOR DEGREES.

Students who have completed the regular Classical Course (60 hours) will receive the first or Baccalaureate degree in Art (A. B.)

Students who have completed the regular Scientific Course (60 hours) will receive the first or Baccalaureate degree in Science (B. S.)

The degree of Bachelor of Music will be awarded only for post graduate work of such quality as will meet the approval of the Faculty.

The second degree in Arts (A. M.) may be conferred upon Bachelors of Arts of this or of any other approved college, who have pursued one year's study at the college or two year's study *in absentia*.

Candidates for this degree shall choose, under the direction of the Faculty, or with its approval, one major and two

minor subjects. An examination on these subjects and the presentation of a thesis giving evidence of independent investigation on the minor subject will be required.

Application for assignment of work for this degree should be made before the spring recess of the year preceding the beginning of the work.

FEES.

For the degree of Bachelor of Arts, of Science, or of Music.....	\$ 5 00
For the degree of Master of Arts	15 00
If the studies are to be pursued <i>in absentia</i> application must be accompanied by an additional registration fee of	
	10 00

The Library.

The library contains more than 5,000 volumes, selected especially with reference to working needs. The books are catalogued by the Dewey system, and students have free access to the shelves. Generous additions have been made during the past year to the History Department by the Alumnae Association of New York, and gifts for other departments have been donated by the classes of '95 and '96, and by others interested in the College.

The Reading Room is supplied with weekly papers, the leading scientific and literary periodicals.

Deductions.

No deduction will be made from the charge for tuition. Students entering within the first four weeks will be charged from the beginning of the semester. No deduction made for absences during the year, except in case of protracted illness, when deduction for half the board will be allowed, but no deduction for tuition, nor for withdrawal during the last four weeks of a semester.

Teachers' Registry.

A registry of names of students who wish to teach is kept by the College. The President will be pleased to correspond with any who desire teachers.

The Sibyl.

The Sibyl is published five times annually ; in October, December, February, April and in June, by the Senior class. Terms \$1.00 a year ; single copies 25 cents.

The Rufus S. Frost Fund.

"To the Trustees of the Elmira College of the city of Elmira, Chemung County, New York: I give and bequeath the sum of \$1,000.00, to be held in trust, the principal to remain forever intact and the interest and income thereof to be donated annually to some member of the graduating class who shall be designated by the Faculty of said College, having regard to deportment, scholarship and necessities, to aid in purchasing books, and in defraying expenses of the Senior year, and of graduation."

Correspondence.

Letters respecting the admission and dismissal of students, or any department of instruction should be addressed to the President.

Communications in reference to details of instruction about rooms, health and the personal welfare of students should be made to the Lady Principal.

Requests for Catalogues should be addressed to the President.

Each student supplies her table napkins, sheets, pillow-cases, blankets and bed cover.

All articles for the bed, and all articles of clothing should be distinctly marked with the full name of the owner.

Officers of the Alumnae Association.

PRESIDENT.

1900-1901 MRS. MARY LOUISE FASSETT WELLS, '77.

VICE-PRESIDENTS.

1899-1901 } MRS. CLARA A. BARBOUR SPRING, '76.
 } MRS. FREDERICA CASS EARLE, '64.

SECRETARY.

1899-1902 MISS CAROLYN A. HALL, '92.

TREASURER.

1899-1902 MISS FANNIE L. RICE, '83.

TRUSTEES OF THE ASSOCIATION.

MRS. LILLA IRVINE BALDWIN, '73.	1899-1900
MRS. FREDERICA CASS EARLE, '64.	1899-1900
MRS. KATE ATWATER ADAMS, '73.	1899-1901
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MRS. CAROLYN HUNTINGTON HOLLADAY, '83.	1899-1901

TRUSTEES FOR THE COLLEGE.

MRS. HELEN BOYD TURNER, '64.

MRS. SARAH PERKINS ELMER, '59.

MRS. HELEN M. MCWILLIAMS, '59.

The Elmira College Association of New York City.

Officers.

PRESIDENT.

MRS. FRED SMITH BENNETT, '85.

VICE-PRESIDENT.

MRS. WILLIAM H. DOTY, '77.

SECRETARY.

MISS GRACE HOWARD PETRIE, '96.

TREASURER.

MRS. WM. J. NORMAN, '72.

Societies.

OFFICERS OF KAPPA SIGMA.

1900-1901.

Grace Dean Robinson—President.
Alice Lenore Davison—Vice-President.
Helen Black Ingham—Second Vice President.
Maysie Gwendolyn Cook—Critic.
Laura Anna Stark—Recording Secretary.
Harriet Isabel Wixon—Treasurer.
Mary Filer Lay—Reading Room Reporter.
Florence Beatrice Griffes—Corresponding Secretary.
Angeline Maude Barney—Librarian.

OFFICERS OF PHI MU.

1900-1901.

Julia Ann Crosby—President.
Miriam E. Newell—Vice-President.
Mary Frances Fennell—Critic.
Jessie Louise Whitaker—Corresponding Secretary.
Grace McKenzie Bradley—Recording “
Georgia May Burroughs—Reading Room Reporter.
Lida C. Vasbinder—Treasurer.
Margaret Knox Smeallie—Librarian
Ellen Frances Burt—Business Manager.

Students.

SENIOR CLASS.

Cromer, Mary Catherine...	Elmira.
Crosby, Julia Ann	Delhi
Fennell, Mary Frances.....	Elmira
Goodyear, Sarah Bowers.....	Horseheads.
MacCaul, Helen Maude.....	Appleton, Wis.
Newell, Miriam E.....	Owego
Sackett, Mary Ann.....	Burdette
Stark, Laura Anna.....	Elmira
Vasbinder, Lida C.....	Owego

JUNIOR CLASS.

Barnes, Marjorie Elizabeth.....	Tottenville, L. I.
Barney, Angeline Maude	Elmira
Bull, Ella Hollister	Slaterville Springs.
Brown, Elizabeth Sheffield	Elmira.
Burgett Bertha	E. Avon.
Burt, Ellen Frances.....	Elmira.
Burroughs, Georgia May.....	East Varick.
Bush, Phoebe	Horseheads.
Cooke, Mary Gwendolyn.....	Merryall, Pa.
Davison, Alice Lenore	Elmira.
Griffes Florence Beatrice	Elmira.
Ingham, Helen Black	Elmira.
Joslyn, Rosamond	Elmira.
Lay, Mary Filer	Rochester.
Levy, Harriet Malvina	Elmira.
Norman, Georgia Sophia.....	Elmira.
Padgett, Frances	Owego.
Ringrose, Anna Victoria.	Prattsburg.
Robinson, Grace Dean ...	New York.
Thomas, Cornelia Thurston	Angelica.
Wilson, Ida Mae.....	Wyoming.
Wixon, Harriet Isabel	Elmira.

SOPHOMORE CLASS.

Allen, Matilda Clark...	Marion, Mass.
Birchard, Jane Maude	Elmira.
Bradley, Grace McKenzie.....	Wyoming.
Brown, Ruey E.....	Bradford, Pa.
Brown, Susan Whitney.	Horseheads.
Colville, Ruth	Jamestown.

Dexter, Emily Lenore.....	Elmira.
Doane, Alice Maynard.....	Elmira.
Dockstader, Bernice Annette.....	Horseheads.
Downes, Nellie Blanche.....	Van Etten.
Dunn, Florence Mae.....	Middleburgh.
Englebreck, Helen Gertrude.....	Elmira.
Fassett, Eliza Dale.....	Franklin, Pa.
Fisher, Edith....	Elmira.
Frazer, Helen Eloise.....	Geneseo.
Hatch, Mary Emily....	Atlanta.
Howe, Ruth Bouton.....	Geneseo.
Long, Bertha Louise....	Elmira.
Marshall, Hannah Rose.....	Horseheads.
Morse, Nellie.....	Waverly.
Olmstead, Grace Lucille.....	Elmira.
Owen, Mazie....	Elmira.
Pratt, Kathryn Taylor....	Scranton, Pa.
Puffer, Florence Lynn....	Ashland, Wis.
Ross, Margaret Jessie.....	Waverly.
Seeley, Grace Alvana.....	Spencer.
Swan, Bertha....	Elmira.
Smith, Edith Mae.....	Elmira.
Swartz, Mrytle A.....	Hallstead, Pa.
Tabor, Marie L.....	Horseheads.
Wallace, Della Fannie.....	Elmira.
Waters, Grace.....	Elmira.
Whitaker, Jessie Louise.....	Waverly.
Wixon, Helen Amanda.....	Elmira.
Zollman, Alice Mary.....	Fairport.

FRESHMAN CLASS.

Ackley, Mabel.....	Elmira.
Allen, Genevieve Marie.....	Owego.
Amick, Marian.....	Cumberland, Md.
Amick, Vera.....	Cumberland, Md.
Ball, Florence Mae.....	Wellsville.
Bandfield, Clara Marie.....	Van Etten.
Bodle, Elizabeth Hoag.....	Owego.
Burt, Grace.....	Honeoye Falls.
Charlton, Anna Rebecca.....	North Tonawanda.
Clinton, Edith Kate.....	Elmira.
Davis, Daisy Jessie.....	Elmira.
Day, Julia Ingersoll.....	Horseheads.
Dow, Margery.....	Wilkes-Barre, Pa.

Drake, Mary E.	Elmira.
French, Earnestine Hoyt....	Elmira.
Gilbert, Edith Lucy ...	Elmira.
Gilbert, Grace Winifred	Elmira.
Golden, Christine....	Bradford, Pa.
Green, Lucy Lafayette.....	Westfield.
Hancock, Mary	Albany.
Hanson, Edna Jane.....	Horseheads.
Hibbard, Alice Maude	Horseheads.
Hinkley, Mary.....	Poughkeepsie.
Holman, Bertha Mae	Ithaca.
Hubbell, Cora	Honeoye Falls.
Hudson, Sara Mae	Camden, N. J.
Ingraham, Nelle Seney	Elmira.
Jennings, Laura Givens.....	Dryden.
King, Marion Elizabeth.....	Constantia.
Kolb, Carolyn Metzger.....	Elmira.
Love, Ida Lucille	Elmira.
Lucas, Martha Noyes	Fall River, Mass.
Lucas, Susan.....	Fall River, Mass.
MacKenzie, Christina E	Elmira.
Montgomery, Florence....	Dryden.
Moss, Bertha	Elmira.
Murray, Marion Page.....	Wilkes-Barre, Pa.
Nafe, Julia May	Elmira.
Ostrander, Iva Harriete....	East Springfield.
Preston, Nina M,	Attica.
Reynolds, Mabelle	Hillsdale Mich.
Salmon, Frances....	Galeton, Pa.
Sayre Catharine	Horseheads.
Shreeley, Ethel Anne.....	Liberty.
Swan, Mabel Donna	Elmira.
Wilbur, Aileen.....	New York.
Wilson, Elizabeth Marion.....	Park City, Utah.
Young, Sara Louise	Wellsboro, Pa.

SPECIAL STUDENTS.

Brink, Mabel ..	Savona.
Brower, Marie Leslie.....	New York.
Darrow, Ethel.....	Owego.
Day, Emma Tabor	Albany.
Fuller, Florence Mandane.....	Wyalusing, Pa.
Hartley, Bessie	Schenectady.
Holbrook, Sarah Chapman.....	Bradford, Pa.

Kerr, Mary B.....	North Tonawanda.
Longwell, Anna Dumars.....	Bath.
Lundy, Ethelwyn Ayers	Williamsport, Pa.
Middlemiss, E. H.....	Chicago, Ill.
Metcalf, Marion Garfield.....	Tunkhannock, Pa.
Pollock, Mabel Kelsey	Buffalo.
Preston, Agnese Elizabeth	Hornellsville.
Russell, Bessie A.....	Elmira.
Smeallie, Margaret Knox	Sprakers.
Smith, Helena A	Malcom.
Walker, Susan Edgington.....	Moline, Ill.
Young, Gertrude.....	Cuba.
Young, Louise Velder	Newark, N. J.

MUSIC SPECIALS.

Ackerman, Adele	Elmira.
Allen, Matilda Clark.....	Marion, Mass.
Amick, Marian	Cumberland, Md.
Baldwin, Ethel	Elmira.
Baldwin, Florence.....	Elmira.
Ball, Florence Mae.....	Wellsville.
Beck, Edna.....	Elmira.
Beck, Lillian.....	Elmira.
Berthold, Amelia.....	Elmira.
Biebinger, Bessie.	St. Louis, Mo.
Billings, Mrs. E. B	Elmira.
Brink, Mabel.....	Savona.
Burroughs, Georgia May.....	East Varick.
Cassada, Anna	Webbs Mills.
Charlton, Anna Rebecca.....	North Tonawanda.
Clapp, Josephine E.	Elmira.
Clawson, Lora M.....	Elmira.
Cleveland, Florence J.....	Elmira.
Cleveland, Harriet.....	Elmira.
Cramer, Pearl E.....	Elmira Heights.
Criddle, Vera A	Elmira.
Donovan, Mary Virginia	Elmira.
Doolittle, Grace E	Elmira.
Downes, Helen Blanche	Van Etten.
Drake, Lucia.....	Elmira.
Dundas, Olivia.....	Elmira.
Dunn, Florence Mae	Middleburgh.
Easton, Ethel.....	Scranton, Pa.
Farr, Mary Edna	Horseheads.

Flanagan, May.....	Elmira.
Frazer, Mrs. John E.....	Elmira.
Fuller, Florence Mandane... ..	Wyalusing. Pa.
Gibbons, Catharine	Elmira.
Gillingham, Elizabeth M.....	Neenah, Wis.
Gray, Florence.....	Elmira.
Green, Grace L	Horseheads.
Green, Lucy Lafayette... ..	New York.
Harris, Lina.....	Elmira.
Hartley, Bessie	Schenectady.
Hitchcock, Susan A	Elmira.
Holbrook, Sarah Chapman.	Bradford, Pa.
Hudson, Sara Mae	Camden. N. J.
Hurd, Jane Boyd	Watkins.
Jenkins, Minnie	Elmira.
Johnson, Gladys	Chicago, Ill.
Johnson, Mary	Waverly.
Kelly, Grace.....	Elmira.
Kellogg, Susan May	Elmira.
Kerr, Mary B... ..	North Tonawanda.
Lamson, Mrs. F. L.....	Mnntour Falls.
Longwell, Anna Dumars	Bath.
Lowe, Mrs. Amelia	Elmira.
Lucas, Martha Noyes	Fall River, Mass.
Lucas, Susan	Fall River, Mass.
Lundy, Ethelwyn Ayers.....	Williamsport. Pa.
Lyon, Lena... ..	Elmira.
MacCarrick, M. Louise.....	Elmira.
MacCaul, Helen Maude	Appleton, Wis.
MacKenzie, Christina	Elmira.
Mason, Elizabeth	Elmira.
McKay, Lulu Belle... ..	Elmira.
Middlemiss, E. H.....	Chicago, Ill.
Miller, Christine.....	Elmira.
Miller, Fanny.....	Elmira.
Mills, Mabel	Elmira.
Murray, Marion Page	Wilkes-Barre. Pa.
O'Connell, Elizabeth.....	Elmira.
O'Donovan, Ida.....	Sayre, Pa.
Ostrander, Iva Harriete... ..	East Springfield.
Owen, Elizabeth.....	Elmira.
Pollock, Mabel Kelsey	Buffalo.
Potter Helen	Elmira.
Preston, Agnese E	Hornellsville.

Puffer, Florence Lynn	Ashland, Wis.
Reardon, M. Agnes	Elmira.
Rickey, Isabelle Gregory	Horseheads.
Robinson, Emma DeVoe	Elmira.
Rogers, Florence	Elmira.
Rose, Mabel	Elmira.
Rowe, Dora May	Grain Valley, Mo.
Scheirer, Nellian	Elmira.
Seeley, Grace Alvana	Spencer.
Shaw, Grace A	Elmira.
Sheeley, Ethel	Liberty.
Slocum, Beatrice	Elmira.
Smeallie, Margaret Knox	Sprakers.
Smith, Helena A.	Malcom.
Snook, Dorelle E.	Waverly.
Sterling, Adeline	Elmira.
Swartz, Etta M.	Elmira.
Tompkins, Marjorie	Elmira.
Updyke, Mabel	Elmira.
Wadsworth, Susan	Elmira.
Walker, Susan Edgington	Moline, Ill.
Warner, Mrs. A. J	Elmira.
Weller, Katherine Hathaway	Horseheads.
Wells, Antionette	Elmira.
Wentworth, Mrs. J. B	Elmira.
Wheeler, Laura	Leroy, Pa.
Wiesmer, Stella Marguerite	Unadilla.
Wixon, Mary Frances	Elmira.
Wyckoff, Sibyl	Elmira.
Yates, Fannie	Elmira.

SUMMARY.

Senior Class	9
Junior Class	22
Sophomore Class	35
Freshman Class	48
Special Students	20
<hr/>	
Total in College	134
Students in Music	103
<hr/>	
Total number of Students	237

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SOCIETY ROOM.



CLASS DAY.



CATALOGUE

ELMIRA COLLEGE



FORTY-SEVENTH YEAR

1901 - 1902

ELMIRA, N. Y.
ADVERTISER ASSOCIATION PRESS
1902

CORRESPONDENCE

Requests for the annual catalogue and inquiries relating to expense and to the engagement of rooms should be addressed to the REGISTRAR.

Inquiries concerning conditions of entrance, whether by examination or certificate, and correspondence bearing upon the general interests of the college, or upon any of its departments, should be addressed to the PRESIDENT.

Communications in reference to details of instruction in the college, and to the health and welfare of students, should be addressed to the DEAN.

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COLLEGE CALENDAR

1902

College Exercises begin Wednesday, January 8, 9 a. m.

Day of Prayer for Colleges, Thursday, January 30.

Second Semester begins Monday, February 3, 9 a. m.

Spring Recess begins Friday morning, March 29.

College Exercises begin Wednesday, April 9, 8 a. m.

Forty-seventh Commencement, Wednesday, June 11.

College opens September 17.

Registration and Entrance Examinations for new students, Wednesday, September 9, 9 a. m.

Registration and Examination for all other students, Thursday, September 18, 9 a. m.

College Exercises begin Friday, September 19, 9 a. m.

Thanksgiving Day, Thursday, November 27.

Thanksgiving occurs so near to the Christmas recess that only the day will be observed as a holiday.

Winter Holidays begin Thursday morning, December 18.

1903

College Exercises begin Wednesday, January 7, 9 a. m.

Day of Prayer for Colleges, Thursday, January 29.

Second Semester begins Monday, February 2, 9 a. m.

Spring Recess begins Friday morning, March 29.

College Exercises begin Wednesday, April 8, 8 a. m.

Forty-seventh Commencement, Wednesday, June 10.

1902	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1902.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1903.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Jan.	..	..	..	1	2	3	4	July	..	..	..	1	2	3	4	Jan.	..	..	..	1	2	3	
	5	6	7	8	9	10	11		..	..	..	..	..	..	..		4	5	6	7	8	9	10
	12	13	14	15	16	17	18		6	7	8	9	10	11	12		11	12	13	14	15	16	17
	19	20	21	22	23	24	25		13	14	15	16	17	18	19		18	19	20	21	22	23	24
	26	27	28	29	30	31	..		20	21	22	23	24	25	26		25	26	27	28	29	30	31
	..	..	..	..	..	..	..		27	28	29	30	31	..	..		..	..	..	..	..	..	..
Feb.	..	..	..	..	..	..	1	Aug	..	..	..	..	..	..	1	Feb.	1	2	3	4	5	6	7
	2	3	4	5	6	7	8		3	4	5	6	7	8	9		8	9	10	11	12	13	14
	9	10	11	12	13	14	15		10	11	12	13	14	15	16		15	16	17	18	19	20	21
	16	17	18	19	20	21	22		17	18	19	20	21	22	23		22	23	24	25	26	27	28
	23	24	25	26	27	28	..		24	25	26	27	28	29	30		..	..	..	..	..	..	..
	..	..	..	..	..	..	..		31	..	..	..	..	..	..		..	..	..	..	..	..	..
Mar.	..	..	..	..	..	..	1	Sept	..	1	2	3	4	5	6	Mar.	1	2	3	4	5	6	7
	2	3	4	5	6	7	8		7	8	9	10	11	12	13		8	9	10	11	12	13	14
	9	10	11	12	13	14	15		14	15	16	17	18	19	20		15	16	17	18	19	20	21
	16	17	18	19	20	21	22		21	22	23	24	25	26	27		22	23	24	25	26	27	28
	23	24	25	26	27	28	29		28	29	30	..	..	..	..		29	30	31	..	..	..	..
	30	31	..	..	..	..	..		..	..	..	..	..	..	..		..	..	..	1	2	3	4
Apr.	..	..	1	2	3	4	5	Oct	..	..	..	1	2	3	4	Apr.	5	6	7	8	9	10	11
	6	7	8	9	10	11	12		5	6	7	8	9	10	11		12	13	14	15	16	17	18
	13	14	15	16	17	18	19		12	13	14	15	16	17	18		19	20	21	22	23	24	25
	20	21	22	23	24	25	26		19	20	21	22	23	24	25		26	27	28	29	30	..	..
	27	28	29	30	..	..	..		26	27	28	29	30	31	..		..	..	..	..	..	..	..

May.	..	..	..	..	1	2	3	Nov.	..	..	..	..	..	..	1	May	3	4	5	6	7	8	9
	4	5	6	7	8	9	10		2	3	4	5	6	7	8		10	11	12	13	14	15	16
	11	12	13	14	15	16	17		9	10	11	12	13	14	15		17	18	19	20	21	22	23
	18	19	20	21	22	23	24		16	17	18	19	20	21	22		24	25	26	27	28	29	30
	25	26	27	28	29	30	31		23	24	25	26	27	28	29		31	..	..	..	..	..	..
	..	..	..	..	..	..	..		30	..	..	..	..	..	..		..	..	..	..	..	..	..
June	1	2	3	4	5	6	7	Dec.	..	1	2	3	4	5	6	June	..	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27		21	22	23	24	25	26	27
	29	30		28	29	30	31		28	29	30

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Professor of Latin Language and Literature

*Academic faculty arranged in order of appointment.

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Vocal Culture and Organ

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SARAH SHATTUCK VERRILL
Piano

MARGARET KNOX SMEALLIE
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Violin

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MABEL WATERS
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CORNELIA PORTER DWIGHT
Secretary of Faculty

RUEY E. BROWN
Librarian

DARIUS REYNOLDS FORD, D. D.
Curator of Museum

OTHER OFFICERS

CHARLOTTE M. JONES
Matron

THOMAS BARNES
Steward

HISTORY

The founding of Elmira College marked the commencement of a new era in the higher education of women. The quarter of a century immediately preceding had witnessed noble and successful efforts in establishing seminaries, some of which were of great excellence and high grade. These mainly depended upon the personality of their proprietors, chiefly women, whose high character and executive skill gave them deserved success. It was, however, impossible to transfer to successors the personal influence, the affection of pupils, and the educational skill which gained the well-earned reputation of the founders, who in many instances, after a period of successful labor, retired with a handsome fortune, leaving the seminary as a new business enterprise to some one else. There was no accumulation of educational forces, no conservation of what had been gained, no expectation of permanence and increased value.

The success of the seminaries, limited as it necessarily was, led thoughtful men to argue that permanent institutions were needed which might center the accumulated interest of successive years, and establish it as an element of wider success, such as existed in the colleges long since endowed for the education of men.

It was also believed that the associated college life, with its varied friendships, its class feeling, its society intimacies and its loyal love for Alma Mater, might be of very great value in the education of women. It was believed to be possible to furnish an almost ideal home life in a well regulated Christian college for women, which might be and ought to be a constant training in self-control, spontaneous kindness, and mutual helpfulness; not by compulsory drill, but by feeling that it is perfectly safe to trust and love each other. So that college life might be the best preparation for a future home life, for Christian social life, and also be a superior pro-

fessional preparation for the highest positions as teachers.

Such was, in general principles, the ideal before the minds of those who resolved to take the next step upward, from the highest and best seminaries, to a true college for women.

In the year 1851 a number of distinguished ministers and laymen met in Albany to consider the matter of establishing a real college for women, in advance of the best female seminaries and designed to furnish a much higher systematic education by a college faculty, with permanent organization into special departments, and with endowments which should secure a continued and increasing growth, with a permanent place and honorable rank among the valuable and distinguished institutions of the country. After careful consideration, it was resolved to establish such a college somewhere in the state of New York.

In the following year, 1852, a charter was obtained locating the institution at Auburn, with the title Auburn Female University, with an able board of trustees from all parts of the state representing the various Christian denominations. A financial secretary was put into the field to gather subscriptions and to enlist the Christian public in this new institution. The secretary was the Rev. Harvey A. Sackett, whose wife, Mrs. D. E. Sackett, had been prominent among a noble band of Christian teachers in New England and New York, who were earnestly devoted to the uplifting of the standard of education for women, and had established a number of superior seminaries. Prominent among these were the seminaries in Utica, Geneva, Canandaigua, and Leroy. It was principally due to Mrs. Sackett and her husband that the idea of founding a college for women was brought to the special attention of the gentlemen who held their first conference in the consistory room of the Second Reformed Dutch Church of Albany. Dr. Wyckoff, Hon. Amos Dean, and Hon. Luther Tucker, of Albany, Dr. Beaman of Troy, Dr. Mandeville of Hamilton College, Dr. Hickok of Auburn, Dr. Hoagarth and Prof. Boyd of Geneva, Dr. Kendrick of Rochester, and other prominent educators, gave the enterprise their

hearty approval and co-operation, and actively served on the board of trustees.

Great difficulty was encountered in raising funds. The new era of great donations had not yet come. With an encouraging prospect of pecuniary help from Elmira, the question of location was reconsidered and the proposed institution transferred from Auburn to Elmira in 1853, and chartered in 1855 as the Elmira Female College. Mr. Simeon Benjamin, an elder in the First Presbyterian Church, became warmly interested in the enterprise. He became chairman of the board of trustees and also treasurer of the college, and by his able financial management, generous advances, and gifts of much needed funds at critical times, he gained for the college its secure though moderate pecuniary success.

Believing that a liberal initial equipment was a necessity, the college authorities determined to secure it. In consequence of this policy the college opened with a debt of nearly forty thousand dollars, more than half of which was owed to Mr. Simeon Benjamin, and a considerable part of the remainder to his personal friends in New York and on Long Island.

After a few years Mr. Benjamin released the college from twenty-five thousand dollars of its obligation on condition that the college be placed under the synod of Geneva, with the provision that the evangelical denominations should be represented upon the board.

The donations and legacy of Mr. Benjamin, through the first ten years of the college history, amounted to the sum of \$80,000. During this period the college also received from the legislature \$35,000, from the Maxwell brothers, Geneva, \$10,000, and later from the Marquand estate \$25,000, and from subscriptions at various times \$100,000, making a total of \$250,000, in the years preceeding the present administration, besides the gift of the Gillett Memorial Hall by bequest of Solomon L. Gillett. But this all came so slowly that the college labored under great difficulty in putting itself in favorable comparison with the new colleges for women which after 1864 began to appear in the eastern

states, and which were either endowed heavily, or supported by large annual gifts.

It has, perhaps, proved not altogether unfortunate that through its history Elmira College has been compelled by comparatively limited means, as well as by conscientious principle, to offer excellence of instruction and the best possible training of the personal character of students as its most important attractions, so that while waiting anxiously for donations and legacies it might become more and more clear that the college was unquestionably worthy of them and would surely make the best possible use of them.

The college was opened under the presidency of the Rev. Augustus W. Cowles, LL. D., a graduate of Union College in the class of 1841, and of Union Theological Seminary in 1846. There were associated with him seven professors, and it was his earnest endeavor to sustain by their aid a good standard in college requirements. In fact it is a matter of tradition dating from these earliest days of the pioneer leaders, that in standard of scholarship Elmira has always taken a firm position. In 1857 the freshman class pursued the following required studies, at that time the most advanced course of required study in any institution for women, classes usually reciting four or five lessons each week: Cicero's orations, Kuhner's Greek grammar, Davies's university algebra, descriptive astronomy, critical reading of English poets, outlines of ecclesiastical history, botany, part of Mrs. Somerville's physical geography, philosophy of history, with a Sunday lesson in Nichols' "Helps to Bible Study."

In the sophomore class: Latin and Greek were continued; geometry, plane, solid, and spherical, was completed; political economy, civil government, rhetoric, and natural philosophy were studied.

The junior class studied trigonometry, chemistry, the French and German languages, with English literature, Kames's criticism, logic, geology, and mineralogy.

The senior class (with no electives) continued the French and German languages and English literature through the year,

also studied conic sections and mathematical astronomy, mental science, application of science to useful arts, moral philosophy, Paley's Natural Theology, Butler's Analogy, with a Sunday lesson in Gregory's Evidences of Christianity. This course of study was in good faith designed by experienced college men to be fully equivalent to the regular four years' course of study at that time required in the best colleges for men. The less amount of Latin and Greek was believed to be fully compensated by an extensive and thorough study of modern languages (studies which were not required at that time by any other college in the state), and by extended courses in English literature and in history, ethics, and Christian evidences. If Elmira could have been supplied with students well prepared for the freshman class, the course of study above described could have been made the ideal course for women at that time.

The difficulty of the students' inadequate preparation for college work made it advisable for the college to control a preparatory school, and it early founded and for many years maintained an academy in connection with the college. As the improved public schools relieved the necessity for this adjunct it was abandoned and the energies of the executive body were directed wholly to the widening of the curriculum and to the increase of equipment.

In 1889, after thirty-five years of service, Dr. Cowles retired from the active work of the presidency, to continue, as a professor of Biblical literature and of aesthetics, his service to the institution and his association with Dr. Ford, the friend who stands only second to him in the length of his connection with the college. In the early years of the college Dr. Cowles fortunately associated with himself the Rev. Darius R. Ford, D.D., as professor of the natural sciences, and since 1863 Dr. Ford has been very intimately connected with college affairs and upon him has depended in no small part the success and prosperity of the management. Through his influence and enthusiasm the collections

for the museum already begun by his predecessor, Professor Charles S. Farrar, as early as 1857, were very greatly enlarged, and so classified and arranged as to be made available for use by the college classes. These collections, of which the college is justly proud, are now placed in the museum and remain a monument to the effort and self-sacrifice which they have cost.

It is due to the large-hearted and far-sighted men who had the wisdom to plan and the courage to lay such broad foundations of college life for women, that Elmira College has stood consistently for ideals of fearlessness and earnestness, and of reverence for the highest things of life, and that though among women's colleges it is the oldest it has remained progressive in spirit through all its history.

When Dr. Cowles retired from the presidency the difficult problem of finding an able successor had to be faced, and the best efforts of the trustees resulted only in several brief administrations. The Rev. Wilson Phraner, D.D., entering hopefully upon his office in the autumn of 1889, was forced after a few months to retire because of failure of health. The Rev. C. Van Norden, D.D., who followed President Phraner, was soon in turn succeeded by the Rev. Rufus S. Green, D.D., a man of social gifts, who in his brief administration from 1893 to 1895 endeared himself to the students of the college and to the people of Elmira, and added to the financial resources of the college.

Feeling the embarrassment of the frequent change of administrative policy, the friends of the college upon the retirement of President Green, would consent to no appointment not likely to be permanently satisfactory. Dr. Cowles, notwithstanding his increasing years and wish to be relieved of the burden of responsibility attaching to the office, consented to act as president until such an arrangement could be made. The college remained in his hands until 1897, when the Rev. A. Cameron MacKenzie, D.D., became president. Since that time three lines of activity have principally engaged the energies of those interested in the advancement

of the college. The first has been an advanced requirement for entrance ; the second, an effort to strengthen the faculty by bringing into it representatives of special training, or of teaching experience in the great colleges, as coadjutors of the elder professors ; and the third, the raising of a semi-centennial fund for added buildings and increased equipment.

To some extent the efforts in these directions have been effectual. The college entrance requirement is now in substantial accord with the standard of all the best eastern colleges. The faculty numbers representatives of Brown, Yale, Cornell, Johns-Hopkins, Pennsylvania, Wesleyan, and other high grade institutions. To the semi-centennial fund over \$100,000 has been subscribed under the present administration.

SITUATION

The City of Elmira, in the State of New York, is a town of forty thousand inhabitants and is a railroad center. The college is situated on the outskirts of the city and is easily accessible from the stations of the Northern Central, the Delaware, Lackawanna and Western, the Erie, and the Lehigh Valley Railroads.

While the college has the advantages and comforts incident to close connection with the city, it has all the quietness desirable for the student. Its elevation though slight commands a view of the surrounding country for many miles, and its campus, containing about fourteen acres, is most pleasing. It is laid out in walks, and is diversified by trees and shrubs and by the open lawns which surround the little sheet of water lying at the foot of the hill ; here are the tennis courts and the basket-ball field where tournaments are held in autumn and in spring.

EQUIPMENT

The main building is three hundred feet in length and is five stories in height. Although erected half a century ago, one is impressed on entering its doors with the substantial appointments everywhere visible. It is equipped with electric lighting and steam heating appliances, elevator, and fire escapes, and is the residence hall for students.

In the rotunda on the first floor is situated the chapel, equipped with an excellent Hook and Hastings organ. From this radiate corridors to the various wings of the building. In the west wing are situated the parlors and the society rooms, well furnished, and equipped with libraries. In the east wing are located the offices of President and Registrar, and occupying the entire north wing is the dining room.

OBSERVATORY

The observatory is situated on the college grounds southwest of the main building. It is equipped with an equatorial telescope of eight and a half inches aperture, a transit instrument, an electric chronograph, an astronomical clock, sextant, and chronometers, and various minor instruments. The equipment is available for illustrating the general courses in astronomy, and for practical use in the applied courses.

THE LABORATORIES

The department of chemistry and physics occupies the lower floor of the west wing of the main building. Besides the store room, the department contains a lecture room equipped with a projection lantern, gas, water, and other conveniences for lecture experiments.

Adjoining the lecture room on the right is the chemical

laboratory, which is a large, well lighted, well ventilated room, having accommodations for twenty students. This laboratory is furnished with gas, water and lockers, and is equipped for general chemistry, qualitative analysis, elementary and advanced quantitative analysis.

At the left of the chemical laboratory is the balance room and private laboratory of the professor. The balance room is furnished with a Staudinger analytical balance, a Queen & Co. balance, as well as balances for general work. The private laboratory is equipped for general analytical work.

Adjoining the lecture room is also the physical laboratory which contains, in addition to apparatus for lecture room experiments, the working tables and equipment for student use. It is supplied with galvanometers, both tangent and astatic, electrical machines, a dynamo, a Wheatstone bridge, resistance boxes, photometers, batteries, and other instruments necessary for laboratory work.

The biological laboratory is conveniently placed and is well lighted. It contains compound microscopes and dissecting instruments for the use of each student, a series of charts, a human skeleton, and an Auzoux dissecting manikin. Abundant material for individual work is supplied. Zoological collections and the extensive herbarium in the museum are accessible to students.

LIBRARY

The college library is a collection of carefully selected books for the purpose of study and investigation. Additions of such books as are thought most desirable for the use of students are made regularly each year. The library now contains more than five thousand volumes, selected with special reference to working needs. All books are catalogued by the Dewey system, and students have access to the shelves.

Generous additions have been made during past years to the history department by the Alumnæ Association of New

York, and gifts for other departments have been donated by recent graduating classes, and by others interested in the college.

The reading room is supplied with weekly papers, and the leading scientific and literary periodicals.

THE MUSEUM

The museum is the natural ally and supplement to the college library. It contains an extended collection of natural specimens which serve to illustrate the arts, industries, and learning of mankind. The new museum of Elmira College is contained in Gillett Memorial Hall and is composed of several thousand specimens of birds, minerals, rocks, and fossils, collected during the past forty years, mainly through the efforts of Dr. Ford.

Zoology—In ornithology, sixty cases and one large cabinet contain over two thousand specimens of birds from North and South America, India and Australia. A few additional cases serve to exhibit several typical specimens of mammals and reptiles. All have been prepared and mounted by skillful taxidermists. Of invertebrate animals there are thirteen cases of insects, exhibiting coleoptera and lepidotera; a number of cases of fresh water mollusks from the lakes and rivers east of the Mississippi; a small case of marine mollusks from the New England coast.

Botany—The specimens in this department consist of a collection of species of plants found in the lower Mississippi Valley, a collection from the flora of New England, a cabinet containing the principal species of flowering plants in the local flora of Elmira and vicinity. To the above a large addition is expected in the near future.

Geology—In this department are the following:

- (a) A cabinet of general geology.
- (b) A valuable collection of the principal ores of gold and silver found in the mining regions of the Rocky Mountains and parts of the Pacific coast.

(c) A cabinet of the ores and products of the useful metals, as iron, copper, zinc, lead, tin, and other metals employed in the various industries of the world.

(d) A collection of specimens from the coal fields of America.

(e) Fossil geology is represented by a suite of large fossil casts illustrative of fossils of all systems.

(f) A cabinet of gems and natural crystals, showing nature's geometric forms as well as the gems selected for the purposes of art and ornamentation.

Mineralogy—Here is : (a) a set of typical specimens illustrative of the more common minerals found in rocks. (b) Several hundred specimens of minerals common in the Lake Superior region, and in New York and Pennsylvania.

Archæology—A collection of antiquities, such as ancient books, parchments, deeds, forms of pottery, medals, Roman lamps, glass work, relics from battle-fields and many specimens illustrative of olden times.

Numismatics—This department contains a rare collection of ancient Greek and Roman coinage, representing a period reaching back almost to the time of Christ, also coins illustrating the history of the Middle Ages, together with a large number representing those now in use among the nations of the world. These, with a few specimens of rare paper money, are conveniently arranged for inspection.

COLLEGE SCHOOL OF MUSIC

Through the generosity of the late Solomon L. Gillett, one of the most complete buildings for the study of music was built on the east side of the campus. It is named "The Gillett Memorial Hall," in honor of the donor. The building is a brick and stone structure, containing twenty-two furnished rooms, which are isolated one from another by padded walls and floors. It is heated by steam, lighted by electricity, and thoroughly ventilated. It is equipped with

twenty pianos, a reading room, reference library, and all conveniences for study and comfort. The faculty is composed of professors whose training in America and Europe, and whose acquired reputation in this country, guarantee to students a thorough musical education.*

THE RELIGIOUS LIFE OF THE COLLEGE

Elmira College was founded by men of strong religious impulse, and an unswerving faith in Christianity as the power which is mightiest to develop and sustain what is best in man. The college is strictly unsectarian, its board of trustees being chosen from the following Christian denominations: Baptist, Congregational, Dutch Reformed, Episcopal, Methodist, and Presbyterian. But while no religious tests are ever imposed upon any officer or student, and while perfect freedom is guaranteed to all, the authorities of the college through all its history have stood for the belief that intellectual culture can never compensate for the atrophy of the religious nature. The charge of the past to the present is to see to it that this college shall become to an ever widening degree the nursery of strong, free, and gentle spirits able to shape the future, and to face life with courage and with joy.

Chapel exercises are held each morning at nine o'clock and are usually conducted by the president. The students are expected to attend each chapel service. The churches of the city are most cordial in their welcome of students to their congregations and every student is expected to attend the church of her choice with regularity. The college course offers systematic instruction in Biblical Literature and Christian Sociology.

*See page 58.

SOCIAL LIFE OF THE STUDENT

The Student's Government Association has in charge the order of the students in the household. All students of the college are members of this association.

There are two literary societies, Kappa Sigma and Phi Mu, which meet on alternate Friday evenings in their respective rooms, which have been artistically furnished, and which are equipped with good libraries. Literary, musical, and dramatic entertainments are frequently given. Securing members among the new students and carrying on social functions during the college year lead to energetic and friendly rivalry between the societies. At stated times the societies entertain each other, their friends, and the members of the college household.

The Fraternity of Thespis is an association for the study and presentation of classic dramatic literature. The members have recently played *The Taming of the Shrew* for their fellow students and friends. No student is admitted to active membership of this society unless her class standing is high.

The Biological Society meets once a month for the discussion and study of recent scientific investigations.

The Mendelssohn Club gives concerts during the year, and through the Music School many renowned musicians are brought to the college.

The Glee and Mandolin Clubs consist of the students of special musical talents. These organizations have been attractive factors in the social life of the college.

The Athletic Association is a very popular organization and is open to all students of the college.

The students have in charge the college magazine, *The Sibl*, which is published five times annually; in October,

December, February, April, and June, by the senior class. Terms \$1.00 a year ; single copies 25 cents.

The Student's Christian Association holds regular meetings to promote the religious life in the college.

The College Settlements Association has an Elmira College Chapter.

TEACHERS REGISTRY

A registry of names of students who wish to teach is kept by the college. The president will be pleased to correspond with any who desire teachers.

The success of Elmira College graduates in securing and satisfactorily filling lucrative positions is to be remarked, and an increasing number of applications are each year received at the college for graduates to fill positions as teachers.

EXPENSES

All checks should be made payable to Elmira College.

The college year is divided into semesters of nearly equal length—September to February—February to June.

Students of the college will be charged per year as follows :

*Tuition, (except Music and Art, which are extras)	\$100 00
Home and board.....	225 00
Room alone	50 00
Registration fee, when room is taken	5 00
Laboratory fees, chemicals, materials, etc.....	5 00
Library fee.....	2 50
Extra charge for meals sent to room....	25
Extra charge for laundry, per dozen.....	50

Payments are to be made as follows :

Students, resident in the college, will pay on entering in September	\$200 00
Students, not resident in the college, will pay on entering in September	60 00
The remainder in each case at the opening of the second semester.	

Students whose bills are not paid within twenty days after the opening of each term will be debarred from the classes.

EXTRA CHARGES PER SEMESTER—MUSIC AND ART

Piano, three half-hour lessons a week.....	\$ 50 00
Piano, two half-hour lessons a week	35 00
Piano, two half-hour lessons a week (primary)	17 00
Organ, two half-hour lessons a week.....	40 00
Organ, one half-hour lesson a week.....	25 00
Vocal Culture, three half-hour lessons a week .	60 00
Vocal Culture, two half-hour lessons a week	40 00
Violin, three half-hour lessons a week	60 00
Violin, two half-hour lessons a week.....	40 00
Violin, one half-hour lesson a week.....	25 00
History of Music, in class	5 00
Harmony, two half-hour lessons, in class.....	10 00
Use of Piano or Organ, for two hours or less daily practice....	5 00
Use of Piano or Organ, for more than two hours and not to exceed four hours	10 00

*Assignment of rooms will be, as far as practicable, in accordance with the date of application.

Each student supplies her table napkins, sheets, pillow-cases, blankets, and bed cover.

The choral class is free to all music students and to all regular college students.

Drawing or painting	\$ 35 00
Oil Painting from life.	50 00

Students in Music and Art, whose bills are not paid twenty days after the first lesson, will be refused further instruction.

FEES ON GRADUATION

For the degree of Bachelor of Arts, of Science, or of Music.....	\$ 5 00
For the degree of Master of Arts	15 00
If the studies are to be pursued <i>in absentia</i> application must be accompanied by an additional registration fee of.....	10 00

No deduction will be made from the charge for tuition. Students entering within the first four weeks will be charged from the beginning of the semester. No deduction is made for absences during the year, except in case of protracted illness, when deduction of half the board will be allowed, but no deduction for tuition, nor for withdrawal during the last four weeks of a semester.

THE SIMEON BENJAMIN BEQUEST

The income of Mr. Simeon Benjamin's bequest of \$25,000 is devoted to the assistance of students. Applicants for this aid must become members of regular classes, must furnish evidence of ability and of need, and must maintain more than an average rank in scholarship. Requests for further information should be made to the President.

THE RUFUS S. FROST FUND

"To the Trustees of the Elmira College of the city of Elmira, Chemung County, New York: I give and bequeath the sum of \$1,000.00, to be held in trust, the principal to remain forever intact and the interest and income thereof to be donated annually to some member of the graduating class who shall be designated by the Faculty of said college, having regard to deportment, scholarship, and necessities; to aid in purchasing books, and in defraying expenses of the senior year, and of graduation."

ADMISSION

GENERAL CONDITIONS

Examinations for admission will be held at the college at 9 o'clock A. M., June 6, and 9 o'clock A. M., September 17, 1902.

Candidates are advised to present themselves promptly, and are advised to prefer the June examination, so as to have opportunity to make up deficiencies.

For the convenience of those living at a distance from the college, arrangements will be made, when desired, for examinations at or near their homes. In such instances, the President should be notified not later than the first week of June. The necessary arrangements will be made then, and the applicant at once informed of them.

Applications for examinations should be made to the President.

Students are admitted without examination in the following cases:

A—When they bring certificates of the Regents of the University of the State of New York which meet the requirements for admission to college.

Diplomas and sixty count academic certificates issued by the Regents of the University of the State of New York are accepted in place of examinations in all the subjects required for entrance which are covered by such credentials, including, upon the recommendation of the departments concerned, the subjects of French, German, Physics, Chemistry, Botany, Geology, and Zoology. A statement from the teacher giving in detail the work done and the proficiency attained in these subjects, must be submitted by the holder of the credentials.

To secure exemption from the entrance examination in English, the Regent's diploma or sixty count academic certificate must cover first year English, second year English, and *either* third year English or English Reading.

Applications for credit in all subjects for which credit is desired, must be made at the time of the admission of the applicant, and not be postponed to any later date in her course.

Diplomas, certificates, and statements should be sent by mail to the Registrar before the opening of the term.

B—When they bring certificates from approved schools. The work gone over must be specified, and both the text books used, and the date of the examination must be given.

Certificates of work done in public or private schools, in or out of the State, will not be accepted in lieu of examinations, unless the applicant has completed a full course in the school, and has been duly graduated after at least one year in the school, and the college authorities are satisfied regarding the standing of the school.

Admission by certificate is in all cases provisional. If a student fail in any subject in the college that depends upon an entrance subject for which a certificate has been accepted, the credit for that entrance subject may be canceled. Certificates from schools whose students prove to be imperfectly fitted, will ultimately not be considered.

No school certificate is accepted in place of the entrance examination in English.

C—When they seek advanced standing.

Applicants for a baccalaureate degree coming from other colleges and universities, may be admitted provisionally to such standing and upon such terms as the Faculty may deem equitable in each case, regard being had to the applicant's previous course of study, and to the evidence of proficiency exhibited. Every such candidate for a baccalaureate degree is required, at the time of making her application, to forward to the Registrar, along with a catalogue of the institution in which she has studied, a careful statement, duly certified, of the studies which she has pursued, and of the degree of proficiency attained therein, including her record at the *entrance* examinations and a letter of honorable dismissal. This statement should be made as full as possible, giving details of subjects taken, authors read, and in mathematics, the text books used. To avoid delay in arranging the course, these credentials should be presented at an early day in order that the status of the applicant may be determined as far as feasible before her arrival. Applications for credit in all subjects for which credit is desired, must be made at the time of the admission of the applicant, and not be postponed to any later date in her course.

D—When they may be admitted as special students.

Persons may be admitted as special students provided they give evidence of ability to do creditably that work of the college which they wish, and provided the professor in charge of the department in which they wish to take a large part of their work recommends them to the faculty. It is understood that in the special work for which they enter they may be admitted to college classes subject to the approval of the professor, but that in all other respects their choice of subjects and courses is limited by the same rules as govern electives in course for academic students in full standing. Resident special students will be required to elect not less than nine hours a week, the maximum number allowed being the same as for regular students.

ENTRANCE EXAMINATION

Applicants presenting themselves for examination for entrance to the freshman class, whether in the classical or in the scientific course, are expected to be prepared in English, History, Mathematics, Latin, and either Greek, French, or German, as specified below, except that modification of the entrance requirement in language is allowed under conditions contingent upon special preparation in mathematics or in the sciences. On this point the candidate is referred to the general conditions of admission, (A, p. 26,) and is invited to correspondence with the President.

Entrance requirements are as follows:

ENGLISH

- (a) A knowledge of the essentials of English grammar.
- (b) A command of the rudiments of composition, clear sentence structure, correct spelling, punctuation, capitalization; and the ability to write a legible page of English script.
- (c) A general knowledge of the subject matter of the books prescribed for reading. These are, for 1902: Shakespeare's Merchant of Venice; Pope's Iliad, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; Scott's Ivanhoe; Cooper's Last of the Mohicans; Tennyson's Princess; Lowell's Vision of Sir Launfal; George Eliot's Silas Marner. For 1903, 1904, and 1905: Shakespeare's Merchant of Venice, and Julius Cæsar; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's Princess; Lowell's Vision of Sir Launfal; George Eliot's Silas Marner.
- (d) A more detailed knowledge of the subject matter of the books prescribed for study, as given below, with some knowledge of the peculiarities of their literary form and of their structure. For 1902, 1903, 1904, and 1905: Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and on Addison.

HISTORY

Greek and Roman History, American or English History, Myer's history of Greece as contained in the Eastern Nations and Greece, Allen's Rome, and Montgomery's Leading Facts of American and English History, are named to indicate the amount required.

MATHEMATICS.

Metric system. University algebra through quadratic equations. Plane geometry. A recent review of mathematical work is necessary in order to do the work of the college successfully.

LATIN

(a) Grammar. A thorough knowledge of the fundamental rules of syntax is required. The grammars of Allen and Greenough, Gildersleeve-Lodge, and of Harkness, and Bennett, are recommended.

(b) Prose composition. Daniell, Exercises in Latin Composition, or an equivalent.

(c) Reading. Caesar, Gallic War, four books; or Arrowsmith and Whicher, First Latin Readings; Vergil, Æneid, six books; Cicero, seven orations (the Manilian Law counting as two); Ovid, Metamorphoses, two thousand lines, or the translation of easy passages at sight.

In addition to the Latin one other language is required. The second language may be Greek, German, or French.

GREEK

(a) Grammar. A thorough familiarity with the forms and the fundamental rules of syntax is required. The grammars of Hadley and Allen, and Goodwin, are recommended.

(b) Prose composition. The candidate must be able to translate into Greek simple prose based on passages from Xenophon. The text recommended is Collar and Daniell (Exercises I-LXXXV), but an equivalent will be accepted.

(c) Reading. Xenophon, Anabasis or Hellenica, four books; Homer, Iliad or Odyssey, three books. The candidate must be able to translate at sight easy passages from Xenophon or Homer.

GERMAN

(a) Grammar. A thorough knowledge of grammar is indispensable, no amount of reading will be accepted in its place. Grammar of Joynes-Meissner is recommended.

(b) Reading. Joynes, German Reader; Storm, Immensee, Wilhelmine von Hillern, Hoher als die Kirche; Andersen, Bilderbuch ohne Bilder; Schiller, Jungfrau von Orleans; Heyse, La Rabbiata; Goethe, Iphigenie. The candidate is required to translate easy German at sight.

FRENCH

(a) Grammar. Fraser and Squair is recommended.

(b) The candidate will be called upon to translate, into French, connected passages of simple English.

(c) Reading. Halévy, L'Abbé Constantin; Mérimée, Colomba; Daudet, La Belle Nivernaise; George Sand, La Mare au Diable; Michel, La Prise de la Bastille; Molière, Les Précieuses Ridicules. The candidate is expected to memorize six fables of La Fontaine and three poems of Victor Hugo, and will be called upon to translate at sight easy passages of French prose or verse.

ELMIRA COLLEGE

COURSE OF INSTRUCTION, LEADING TO
DEGREES

The work of all students of the college is prescribed for the freshman year. It consists of a total of thirty hours of work, fifteen hours being given in each semester, or half-year. A tabular view of the freshman work is given below :*

FRESHMAN YEAR

FIRST SEMESTER

Figures indicate the number of hours a week.

<i>Course for Classical Students</i>		<i>Course for Scientific Students</i>	
Latin	4	Latin	3
Greek	}	French or	}
French or		German	
German		Algebra	4
Algebra	4	English	2
English	2	English Literature	1
English Literature	1	Biblical Literature	1
Biblical Literature	1		

SECOND SEMESTER

Latin	4	Latin	3
Greek	}	French or	}
French or		German	
German		Geometry	4
Geometry	4	English	2
English	2	English Literature	1
English Literature	1	Biblical Literature	1
Biblical Literature	1		

* For work on Physical Training, see page 55.

After the freshman year the work is elective, and each student is expected to elect fifteen hours each semester throughout the course. No course is given unless elected by as many as three students. The academic instruction afforded by the college will be found to fall under three general groups, and is so arranged in the departmental statement. Group A, Language and Literature; Group B, Philosophy and History; Group C, Mathematics and Science. Students who have completed college courses to the extent of one hundred and twenty hours are granted degrees as follows:

- I—When of the one hundred and twenty hours required, as many as sixty hours have been in Group A; as many as fifteen hours in Group B; and as many as twenty-five hours in Group C; the degree of BACHELOR OF ARTS is conferred.
- II—When of the one hundred and twenty hours required, as many as forty-six hours have been in Group A; as many as ten hours in Group B; and as many as forty-four hours in Group C; the degree of BACHELOR OF SCIENCE is conferred.

Students in either Classical or Scientific Courses who show proficiency in their work are granted honors of distinction, as follows: *Summa cum laude, magna cum laude, cum laude.*

The degree of BACHELOR OF MUSIC will be awarded only for graduate work in music of such quality as will meet the approval of the faculty.

The degree of MASTER OF ARTS may be conferred upon a Bachelor of Arts of this or of any other approved college, who has pursued one year's study at the college or two years' study *in absentia*.

Candidates for this degree shall choose, under the direction of the faculty, or with its approval, one major and two minor subjects. An examination on these subjects and the presentation of a thesis giving evidence of independent investigation on the major subject will be required.

Application for assignment of work for this degree should be made before the spring recess of the year preceding the beginning of the work.

COURSES OF INSTRUCTION

BY

DEPARTMENTAL STATEMENT

GROUP A

LANGUAGE AND LITERATURE

ENGLISH LANGUAGE AND LITERATURE

The instruction offered in this department has for its end three distinct though allied results in the student's education: first, ease and energy in English composition; secondly, an historical knowledge of the English language; and thirdly, a general acquaintance with English literature and with the influences which have prescribed its development. These results are sought severally through the courses in rhetoric, in the English language, and in English literature.

RHETORIC

1 DESCRIPTION AND NARRATION—

The work consists of theme writing, daily through part of the year, with conferences for the correction of themes under criticism. In the first semester a close drill on paragraph structure, and on exactness in language, with required themes of description of simple and familiar objects. In the second semester drill on theme structure with special reference to unity, extended themes of description and narration.

Two hours throughout the year, required of freshmen.

2 EXPOSITION—

In the first semester, special attention to explicitness of statement, themes giving practice in expository writing. In the second semester, drill on force and effectiveness in language and on finish in form. Practice in book-reviewing and in editorial writing. Text used is Genung's Working Principles of Rhetoric.

Two hours throughout the year, open to all who have completed 1.

3 ARGUMENTATION—

The distinct aim of this course is to induce a forcible literary style, by means of placing stress upon an exact and definite relation and order in the ideas the student has to present. Students are advised to elect for their briefs and forensics lines of investigation already pursued with other college courses. In the first semester, three finished briefs and two forensics presented in manuscript. In the second semester, three finished briefs and three forensics, one of each to be presented without notes. Text used is Baker's Principles of Argumentation.

Two hours throughout the year, junior elective, open to seniors.

4 THEORY OF LITERARY CRITICISM—

In the first semester, study of Lewes' Success in Literature, lectures on the essentials of narration, seminary work in analysis of great works of fiction. In the second semester, study of the relation of theme to form, analytic and synthetic.

One hour throughout the year, open to seniors.

5 SEMINARY IN ENGLISH TEACHING—

Examination of publications dealing with ideals and with methods. Seminary reports on the practical questions likely to arise in teaching the grammar, rhetoric, or literature of English in the preparatory schools.

Two hours second semester, elective for seniors.

6 THEORIES OF POETRY—

A study of the nature and true field of poetry, based upon Aristotle, Poetics; Sidney, Defense of Poesie; and Shelley, Defense of Poetry. An investigation of the nature and laws of language rhythm in general, and a special study of their manifestation in the familiar meter and stanza forms of English versification.

One hour throughout the year, elective for seniors. (Alternate with 4 and offered in 1892-3.)

ENGLISH LANGUAGE

1 OLD ENGLISH—

Study of Old English Grammar, readings from selected prose and poetry, before the close of the year Beowulf is studied and the student is introduced to the study of Emerson, History of the English Language. Other texts used are: Cook, First Book on Old English; Sievers-Cook, Grammar of Old English; Wyatt, Beowulf.

Three hours first semester, one hour second semester, elective for juniors.

2 OLD AND MIDDLE ENGLISH—

An historical study of the English language, Cynewulf, Langland, and Chaucer.

One hour throughout the year, elective after 1.

ENGLISH LITERATURE.

The course on English literature, throughout, is expected to aid the cultivation of literary appreciation through the continuous exercise of the critical faculty. The student's private judgment is revised by class criticism and questioning until she reaches for herself some just conclusion upon the work under discussion. It is expected that as the course progresses she will gain the power to make her conclusions less and less partial and imperfect, and that she will finally acquire such literary insight, as well as such well-founded confidence in her own judgment, as will make her an intelligent and an independent critic and appreciator of literature.

1 GENERAL READING COURSE—

Carlyle, Ruskin, Arnold, rapid reading of several of Shakespere's plays.

One hour throughout the year, required of freshmen.

2 HISTORICAL COURSE—

This course is planned to develop the idea of historical continuity and of evolution, in the literary works of a people. Typical works of representative authors are used, reference is made to social and literary histories, biographies, and works of criticism.

Two hours throughout the year, elective after 1 and required before the following electives.

3 TENNYSON AND BROWNING—

A critical study of selected poems.

Two hours throughout the year, elective after 2.

4 MILTON—

A seminary course.

One hour first semester, elective after 2.

5 ENGLISH ROMANTICISM—

A seminary and lecture course. Studies in the history of literary criticism with special reference to the period from Dryden to Coleridge.

One hour second semester, elective after 2.

6 SHAKESPERE—

A critical study of the great tragedies with regard to plot, structure, and character drawing; a comparative study of them as representing different stages of artistic development. The aim of the course is to reveal the art of the drama of Shakespere.

Two hours first semester, elective for seniors.

7 COMPARATIVE STUDY OF THE DRAMA—

Lectures upon the evolution of dramatic feeling and form in ancient, mediaeval, and modern civilization. Reading of the plays to be discussed, reports from members of the class. Discussions based on principles laid down by Freytag, Technique of the Drama.

Two hours second semester, elective for seniors

GERMAN LANGUAGE AND LITERATURE

The German Department aims, by means of thorough and accurate work, to make students independent in the use of the language and thus prepared to assimilate the productions of the best German authors. In order to increase the interest, lectures are given in connection with the works read, and in advanced classes historical lectures are given—these being intended as a background for the literature: much importance is attached to the writing of German essays. They are considered a test of the student's ability to make a practical use of the instruction received, and are a part of the examination work. German is the language of the class room. Thus in various ways the student is carried into the realm of German life and becomes familiar with the thought of the German people.

1 BEGINNING GERMAN—

Grammar, Joynes-Meissner; Hewett, German Reader; Andersen, Bilderbuch ohne Bilder; Heyse, La Rabbiata. Some favorite German poems are committed to memory.

Four hours throughout the year.

2 FIRST READING COURSE—

Grammar continued. Harris, German Prose Composition; Schiller, Jungfrau von Orleans; Goethe, Iphigenie auf Tauris; and Italienische Reise.

Four hours throughout the year, required of freshmen presenting German in scientific course.

3 GERMAN LITERATURE—

Lectures on Schiller and Goethe and their works, and lectures on the Thirty Years War in connection with Wallenstein ; Reading of Lessing, Nathan der Weise ; Schiller, Wallenstein (entire). Kluge, Deutsche Litteratur. Essays required.

Three hours throughout the year, required of freshmen presenting German in classical course.

4 GREAT GERMAN WRITERS—

Goethe, Faust, I Theil ; Chamisso, Peter Schlemihl ; Wichert ; Ein Schritt vom Wege ; Scheffel, Ekkehard ; Heine, Harzreise. Lectures are given on the rise of Prussia and the dynasty of the Hohenzollerns. Essays are required. Buchheim, Prose Composition.

Two hours throughout the year, elective after 3.

5 GREAT GERMAN WRITERS (Continued)—

Schiller, Don Carlos ; Scheffel, Trompeter von Säkkingen ; Freytag, Die verlorene Handschrift ; selections from various authors. Lectures on the history of Germany continued, Deutschland in seiner tiefsten Erniedrigung, Der Befreiungskrieg. Essays are required. Buchheim, Prose Composition.

Two hours throughout the year, elective after 4.

6 LITERARY AND POLITICAL HISTORY OF GERMANY IN THE NINETEENTH CENTURY—

Freytag, Die verlorene Handschrift (continued). Selections from Jean Paul Richter and other authors ; Heinrich von Sybel, Die Erhebung Europas. Lectures on Richter, Heine, and other authors, and upon German history. Essays continued ; Buchheim, Prose Composition. Much time is devoted to sight reading and to reading outside of the work done for the class room.

Two hours throughout the year, elective after 5.

7 GENERAL READING COURSE—

Selections from modern authors, with much reading outside of class room work. Essays to be written on the work studied. Lectures, as in 6, on the history of Germany, and on the literary life of to-day in Germany.

One hour throughout the year, elective after 6.

8 SCIENTIFIC GERMAN—

One hour second semester, elective after 5.

FRENCH LANGUAGE AND LITERATURE

The courses in this subject extend over four years and have for their aim the giving to the student : (1) an accurate knowledge of the language of the present time both as written and spoken ; (2) an appreciation of the more important masterpieces of the literature, proportionate to the knowledge of the language ; (3) a knowledge of the historical development of the literature ; and (4) an elementary acquaintance with the historical phonology.

The work as above outlined is carried on by means of recitations, the writing of prose and of essays, the hearing of lectures in French, and by collateral readings. Much stress is laid from the beginning upon the ability of the student to express herself directly in the language.

1 ELEMENTARY FRENCH—

Grammar. Fraser and Squair ; Bercy, *Le Français Pratique*. Oral and written exercises. Reading of such easy prose as : Halévy, *L'Abbé Constantin* ; De la Brète, *Mon Oncle et Mon Curé*. Memorizing selected fables of La Fontaine.

Four hours throughout the year, elective after the freshman year.

2 CONTINUATION OF COURSE 1—

Grammar. Grandgent, *Material for French Composition*. Reading of prose such as : George Sand, *La Petite Fadette* or *La Mare au Diable* ; Mérimée, *Colomba* ; Daudet, *La Belle Nivernaise* ; Molière, *Les Précieuses Ridicules*. Memorizing of selected poems. In this course brief outlines of the history of French literature are also given and some extracts read from celebrated authors.

Four hours throughout the year, required of freshmen presenting French in the scientific course.

3 FRENCH LITERATURE IN THE SEVENTEENTH CENTURY—

A study of the drama and of the miscellaneous literature of the period. Corneille, Racine, Molière, La Fontaine, Pascal, Bossuet, Fénelon, Mme. de Sévigné. One hour a week devoted to composition and sight translation.

Three hours throughout the year, required of classical freshmen.

4 FRENCH LITERATURE IN THE EIGHTEENTH CENTURY—

This course will treat of the time and influence of Voltaire, Montesquieu, Rousseau, the Encyclopedists, Beaumarchais, Le Sage, Mirabeau.

Two hours throughout the year, elective after 3.

5 FRENCH LITERATURE IN THE NINETEENTH CENTURY —

A study of the principal authors of this period. Victor Hugo as poet, novelist, and dramatist. Chateaubriand, Lamartine, Alfred de Vigny, Alfred de Musset, Théophile Gautier, Dumas, George Sand, Balzac, with a brief survey of contemporary writers.

Two hours throughout the year, elective after 4.

6 LYRIC POETRY OF THE NINETEENTH CENTURY—

In this course the different schools of poetry will be discussed and copious extracts will be read from representative poets such as : Lamartine, Victor Hugo, Alfred de Musset, Alfred de Vigny, Théophile Gautier, Le Conte de Lisle, Sully Prudhomme, François Coppée.

Two hours first semester, elective after 5.

7 THE THEATRE IN THE NINETEENTH CENTURY—

In this course the development of the theatre during the period will be studied in detail. Dramas of such representative authors as Victor Hugo, Scribe, Alexandre Dumas, Augier, Sardou, Meilhac and Halévy, Rostand, will be read and discussed.

Two hours second semester, elective after 6.

8 INTRODUCTORY STUDIES IN OLD FRENCH—

Elements of Phonology. Translation into Modern French from La Chanson de Roland, Chrestien de Troyes, Aucassin et Nicolette. Gaston Paris, Manuel de la Littérature Française du Moyen Age.

One hour throughout the year, elective after 7.

ITALIAN LANGUAGE AND LITERATURE

1 ELEMENTARY ITALIAN—

Italian Grammar, Grandgent. Oral and written exercises. Texts : De Amicis, Cuore (I Racconti mensili); Salvatore Farina, Il Signor Io; Goldoni, Il Vero Amico.

Two hours, throughout the year. Elective for juniors or seniors.

2 LITERATURE OF THE THIRTEENTH AND FOURTEENTH CENTURIES—

Dante, La Divina Commedia ; Petrarch, Rime Scelte ; Boccaccio, Novelle Scelte.

Two hours throughout the year, elective for seniors or juniors.

SPANISH LANGUAGE AND LITERATURE

1 ELEMENTARY SPANISH—

Spanish grammar, Loiseaux ; Worman, First and Second Spanish Books ; Ramsey, Text Book of Modern Spanish, and Spanish Reader ; Alarcón, El Capitán Veneno, or Galdos, Doña Perfecta.

Two hours throughout the year, elective for juniors or seniors.

2 CLASSICAL COURSE—

Selections from Cervantes, Lope de Vega, and Calderon.

Two hours throughout the year, elective for juniors or seniors.

LATIN LANGUAGE AND LITERATURE

The aim of this department is to enable the student to read Latin with rapidity and accuracy, to form some acquaintance with the chief masterpieces of Roman literature, and to gain a correct appreciation of the relation of classical life and thought to the history and culture of the modern world. The first place, it is held, must always be given to the detailed study of the language, but the work is progressive in character, and increased attention is paid in more advanced courses to questions of history and literature. In the later study of the language especial reference is had to the needs of prospective teachers.

1 LIVY—

Book XXI, with rapid reading in Book XXII. A prescribed course of reading in the history of Rome during the Punic wars. Prose composition, and systematic review of the leading constructions of syntax.

Two hours first semester, required of classical freshmen.

2 OVID AND HORACE—

Selections from the Elegies and Heroides of Ovid, and from the Odes of Horace. Study of lyric prosody. Lectures on the poetry of the Augustan Age. Prose composition and review of syntax.

Two hours second semester, required of classical freshmen.

3 PLINY AND MARTIAL—

Reading in Pliny's Letters and the Epigrams of Martial. Attention will be paid to social conditions under the Empire and to Roman Antiquities.

Two hours first semester, elective for sophomores.

4 LATIN ELEGY—

Selections from Tibullus and Propertius.

Two hours second semester, elective for sophomores.

5 LATIN LITERATURE—

Lectures are given upon the chief authors of the Republic. The lectures are accompanied by prescribed readings in standard histories of Roman literature and in poetical versions. Especial attention is given to Lucretius and Catullus.

Two hours first semester, elective after courses 1 and 2.

6 LATIN LITERATURE (CONTINUED)—

Lectures upon the chief authors of the Empire. Prescribed readings and essays.

Two hours second semester, elective after courses 1 and 2.

7 TACITUS—

The Annals, with especial reference to the style of Tacitus and the characteristics of the literature of the Silver Age. A prescribed course of reading in the history of Rome under the Empire.

Two hours first semester, elective for juniors or seniors. (Alternate with course 8 and offered in 1902-3.)

8 ROMAN COMEDY—

Plautus and Terence (three plays), with a study of the history of Comedy and the style and syntax of ante-classical Latin.

Two hours first semester, elective for juniors or seniors. (Alternate with course 7.)

9 ROMAN SATIRE—

Selections from the Satires of Horace and Juvenal. A careful study will be made of the history and development of Roman satire.

Two hours second semester, elective for juniors or seniors. (Alternate with course 10 and offered in 1902-3.)

10 CICERO—

Cicero's Letters will be read, or selected Orations (Fourth Verrine and Second Philippic.) Attention will be given to the political history of the late Republic and to the syntax of colloquial Latin.

Two hours second semester, elective for juniors or seniors. (Alternate with course 9.)

11 TEACHERS COURSE AND ADVANCED COMPOSITION—

A study of methods of teaching Latin is made, and practical exercises are conducted by members of the class under direction and criticism. The beginners course is first taken up, and is followed by one or more of the authors read in preparation for college. A thorough review of Latin forms and syntax is required of the class, and weekly exercises in Latin prose composition are assigned.

Two hours first semester, elective for seniors.

The following course is open to candidates for the degree of B. S. admitted on the minor requirement in Latin:

12 VERGIL—

Books I—VI of the *Æneid*. Attention is given to Latin prosody and mythology, and the leading constructions of syntax are studied with care.

Three hours first and second semesters.

GREEK LANGUAGE AND LITERATURE

The courses in this department are designed to give the student a knowledge of the chief phases of Hellenic life as interpreted through the language, literature, and art, of the Greeks, and to develop an understanding and appreciation of the place of their civilization in human history, and of their contribution to the elements of our modern life. Emphasis is laid at first upon the study of the language as the key to the literature, but in the later years of study the distinctively literary side is made more prominent.

1 LYSIAS, PLATO, AND HOMER—

Selected orations, *Apology* and *Crito*, selected books of the *Odyssey*. Review of Attic syntax, exercises in composition and translation at sight. Outline study of the history of Greek literature.

Three hours throughout the year, required of freshmen presenting Greek, and open to any student satisfying the entrance requirements in Greek.

2 DEMOSTHENES AND ARISTOPHANES—

The *Philippics*, and a study of Attic oratory. The *Clouds* and the *Frogs*, with a study of Attic comedy.

Two hours throughout the year, elective for those who have completed course 1.

3 THE HISTORIANS AND TRAGEDIANS—

Selections from Herodotus and Thucydides. Sophocles, *Antigone*; Euripides, *Medea* or *Alcestitis*.

Two hours throughout the year, elective for those who have completed course 1.

Courses 2 and 3 are given in alternate years. Course 2 will be given in 1902-3.

4 PLATO—

Two hours first semester, elective for seniors or juniors.

5 LYRIC POETS—

Two hours second semester, elective for seniors or juniors.

6 ADVANCED PROSE COMPOSITION—

Study of special topics in Greek syntax. Rapid reading of selections from Xenophon and Homer. This course is arranged with special view to the needs of those who wish to teach Greek.

One or two hours throughout the year, elective for seniors.

7 ELEMENTARY GREEK—

Greek grammar. *Anabasis*, Book 1. Prose composition.

Four hours throughout the year, open to those who elect Greek as a third language.

8 ELEMENTARY GREEK (CONTINUED)—

Selections from Xenophon and the New Testament; Homer. Translation at sight and hearing. Prose composition.

Three hours throughout the year, open to freshmen who elect Greek as a third language.

9 GREEK ARCHÆOLOGY—*

*See p 49.

BIBLICAL AND ANCIENT LITERATURES

The study of the Bible is assigned a fixed place in the curriculum for freshmen and seniors. The work is conducted from a literary point of view, not from a doctrinal one. The student is required to enter in a note book the results of the lectures, and these note books are subject to inspection by the instructor.

1 BIBLICAL LITERATURE—

A general review of the Scriptures with special attention to the history of the Pentateuch, the encampment at Sinai and the founding of the institutional church; and to the great revolts of Israel from Jehovah, the time of the "great provocation," and the epoch of Jeremiah.

One hour throughout the year, required of freshmen.

2 ADVANCED BIBLICAL LITERATURE—

Hebrew poetry and prophecy. Lectures on prophecy in the light of recent knowledge of the Orient, Babylon, Nineveh, the cuneiform inscriptions. Study of the New Testament as regards its history. Lectures on the manuscripts.

Two hours first semester, elective for seniors.

3 ANCIENT LITERATURE—

This course of lectures gives in outline the origin of literature, with the rise of alphabetic writing. Illustrations are given from the ancient monuments, manuscripts, and tablets. Attention is given to Greek literature and select readings from the most celebrated dramas of Æschylus, Sophocles, and Euripides. Selections are also made from choice Latin hymns, and from Dante, Tasso, and the Spanish Ballads, with class criticisms.

Two hours second semester, elective for seniors.

GROUP B

PHILOSOPHY AND HISTORY

PHILOSOPHY

1 LOGIC—

Creighton, Introductory Logic. This is an elementary course in the forms and laws of reasoned thinking, deductive and inductive. The course includes also a brief study of the nature of thought and the theory of knowledge, to serve as a basis for later philosophical study.

Two hours second semester, elective for sophomores and juniors.

2 PSYCHOLOGY—

Titchener, Outline of Psychology, and Sanford, Experimental Psychology. A study of the elementary mental processes, and their combinations in the complex forms of mental activity. A part of the time is given to experimental work, and each student is required to prepare a note book showing the methods and results of this work.

Three hours first semester, elective for juniors.

3 HISTORY OF PHILOSOPHY—

Weber, History of Philosophy. This course aims to give a general survey of the history of philosophical thought, ancient and modern. Instruction is given in lectures, supplemented by careful reading of the text-book and selected portions of other standard works.

Three hours first semester, elective for seniors.

4 MODERN PHILOSOPHY—

The aim of this course is to study the systems of certain of the modern philosophers with more thoroughness and detail than the more general course allows. The work includes lectures and selected readings. Members of the class are required to prepare papers on special topics.

Three hours second semester, elective for seniors.

5 ETHICS—

Seth, Ethical Principles. A study of the principles of morality and the types of ethical theory.

Three hours second semester, elective for seniors and juniors.

EDUCATION

1 HISTORY OF EDUCATION—

A lecture course with the aim of giving a connected view of the course of educational theory, and a just idea of the worth of the contributions made by noted thinkers in this field.

Two hours second semester, elective for seniors.

2 PEDAGOGY—

The work consists of lectures in general didactics, with a careful study of methods of culture, methods of instruction, and school economy. The study of special didactics is taken up with practical class work.

Two hours second semester, elective for seniors.

ECONOMICS AND SOCIOLOGY

1 POLITICAL ECONOMY—

Walker, Political Economy. The purpose of this course is to furnish a comprehensive view of the leading principles of economics, theoretical and applied.

Three hours second semester, elective for sophomores.

2 OUTLINES OF SOCIOLOGY—

This course treats of the nature, methods, and aims of society as a science, the structural development of social life, history of the development of the socialistic ideas; discussions of the prominent movements of the day.

Two hours second semester, elective for juniors and seniors.

HISTORY

The aim of the work in history is to give a general survey of the history of mediaeval and modern Europe as a foundation for later specialization, and to introduce students to a scholarly method of historical study. The instruction is designed to give broad conceptions of the development and mutual relations of political conditions and institutions of different eras, and to stimulate to interest in the investigation of them. The method of instruction includes lectures and

recitations based on topical outlines, with papers, reports, and discussions on special topics assigned for individual study.

1 HISTORY OF MEDIEVAL EUROPE—

This course is an introduction to the general history of Europe, A. D., 300-1300, including the Roman Empire under Diocletian and Constantine; the barbarian invasions; the rise of the new Rome; the shaping and development of the church; the rise and extension of Mohammedanism; the growth of Frankish power and the empire of Charlemagne; the new nationalities; the Feudal System; the French monarchy; the conflict between the Papacy and the Empire; the Crusades and their results.

Three hours first semester, two hours second semester; elective for juniors.

2 THE RENAISSANCE AND THE REFORMATION—

This course includes the rise of the Humanistic movement; the spread of the Renaissance through Italy, France, England, and Germany; the decline of the Papacy; the struggle for the balance of power; the rise and progress of the Reformation; the growth of Protestantism and the reaction; the revolt of the Netherlands; the religious wars in France; the Thirty Years' War.

Two hours first semester, elective for seniors.

3 EUROPE SINCE THE SEVENTEENTH CENTURY—

This course includes the expansion of France; French absolutism; the growth of international relations; the rise of Prussia; the Seven Years' War; English expansion; the causes of the French Revolution; the Directory; the Napoleonic empire; the wars to the Congress of Vienna; political changes since 1815.

Two hours second semester, elective for seniors.

4 AMERICAN HISTORY—

This course has particular reference to the needs of those who may become teachers of history, and prominence is given to the consideration of methods of teaching and study.

One hour first semester, elective for seniors.

ART AND ARCHÆOLOGY.

1 LECTURES IN ART HISTORY. This course embraces the principles of æsthetics, with the history of art, ancient, mediæval, and modern. Biographical sketches of the great masters are given with critical study of their best work illustrated by a carefully selected collection of photographs of the most celebrated specimens in architecture, sculpture, and painting.

Four hours second semester, elective for seniors.

2 LECTURES AND STUDIES IN GREEK ARCHÆOLOGY—

No knowledge of Greek is required for this course.

One hour second semester, elective for seniors and juniors.

GROUP C

MATHEMATICS AND SCIENCE

MATHEMATICS

- 1 ALGEBRA—
Four hours first semester, required of freshmen.
- 2 SOLID GEOMETRY—
Four hours, second semester, required of freshmen.
- 3 TRIGONOMETRY—
Plane and spherical.
Four hours, first semester, elective for sophomores.
- 4 ANALYTIC GEOMETRY—
Three hours second semester, elective for sophomores.
- 5 ANALYTIC GEOMETRY—
Three hours first semester, elective for those who have taken 4.
- 6 DIFFERENTIAL CALCULUS—
Two hours first semester, elective.
- 7 INTEGRAL CALCULUS—
Two hours second semester, elective.
- 8 THEORY OF EQUATIONS—
Three hours second semester, elective.

ASTRONOMY

- 1 GENERAL ASTRONOMY—
The course consists of lectures and recitations with work in the observatory and frequent telescopic observations of the heavens.
Todd, *New Astronomy.*
Three hours first semester, elective for seniors.

CHEMISTRY

1 GENERAL CHEMISTRY—

A study of the history, occurrence, preparation, and properties of the more important non metals and their compounds; also a similar study of the more common metals. Lectures, recitations, and laboratory work.

Four hours first semester, elective after the freshman year.

2 QUALITATIVE ANALYSIS—

This course includes a systematic study of the separation of the metals and the detection of the more important acids. The theory of oxidation and reduction, and the writing of characteristic equations are also taken up. Each student is given practice in determining the composition of unknown substances. Lectures, recitations, and laboratory work.

Three hours first semester, elective but must be preceded by 1.

3 QUANTITATIVE ANALYSIS—

This course includes the gravimetric determination of iron, sulphur, sulphur trioxid, aluminium, phosphorus pentoxid, and magnesium, together with the volumetric determination of iron, calcium, and oxalic acid. The student is instructed in the use of the analytical balance and in the preparation and standardization of normal solutions. Lectures, recitations, and laboratory work.

Three hours first semester, elective but must be preceded by 2.

4 ORGANIC CHEMISTRY—

A study of the typical organic compounds and of the relations between the different classes of organic compounds. Lectures and recitations.

Two hours second semester, elective but must be preceded by 1, and students are advised to precede this course by 2 and 3.

5—ADVANCED QUANTITATIVE ANALYSIS—

Hours to be arranged, elective after 3.

PHYSICS

1 MECHANICS, HEAT, AND SOUND—

This course is intended to give a general outline of the subject and is accompanied by such experiments as best illustrate the fundamental laws of physics. Special attention is paid to the solution of problems. Recitations and lectures.

Two hours first semester, elective after the freshman year.

2 ELECTRICITY, MAGNETISM, LIGHT—

Continuation of course 1. Recitations and lectures.

Two hours second semester.

3 PHYSICAL LABORATORY—

This course comprises quantitative physical measurements in Mechanics, Heat, Sound, Light, Electricity, and Magnetism. It is designed to give the student some knowledge of instruments and of the methods used in experimental work. Laboratory work.

Two hours first semester, elective, must be preceded by 1 and 2.

GEOLOGY

1 GENERAL GEOLOGY—

This course treats of the leading principles of the science, physiographical, structural, dynamical, and historical Geology. Economic Geology. Study of coal, iron, building stone. Lectures, recitations, and field work.

Three hours second semester, elective for juniors or seniors.

2 MINERALOGY—

A study of the more important minerals, illustrated by specimens and accompanied by practice in the determination of minerals. Lectures and laboratory work.

Two hours second semester, elective for juniors or seniors.

BIOLOGY

The work in the Biological Sciences is intended to give to the student a grasp of broad scientific principles, and to train her in habits of observation, and of individual thought and reasoning. Toward this latter end, the laboratory work is emphasized, and the student is required to make accurate notes, illustrated by drawings, of her personal investigations.

The courses are, in so far as possible, arranged to form a complete series.

1 GENERAL BIOLOGY—

Lectures, occasional class exercises, and laboratory work. This course is intended to give the student a general view of biological science and to acquaint her with the beginning of life and

its development. Lectures will deal with such subjects as the cell in isolation and combination, the relations of plants and animals, heredity, and effects of environment. The laboratory work will be principally microscopic and intimately connected with the facts discussed in the lectures. It will include the examination of unicellular plants and animals, and of more complex tissues.

Three hours second semester, elective for sophomores or juniors.

2 INVERTEBRATE ZOOLOGY—

Lectures, text-book recitations, and laboratory work. This work will be both systematic and morphological. A study will be made of the great groups of animals from the Protozoa to the Vertebrate. Laboratory work will consist chiefly in the dissection of typical forms.

Three hours first semester, elective for those who have completed 1 or its equivalent.

3 VERTEBRATE ZOOLOGY—

Lectures, text-book recitations, and laboratory work. The great classes of the vertebrates will be studied according to anatomy, classification, and life habits. Laboratory work will consist of an anatomical study of some of the typical forms and of some lessons in classification.

Three hours second semester, elective for those who have completed 1 and 2 or an equivalent.

4 BOTANY—

Lectures, recitations, and laboratory work. This course will include work in structural, physiological, and systematic botany. Laboratory work will treat subjects such as germination, structure of organs, dissections of various plants, and classification. An herbarium of classified specimens will be required, also a carefully kept note book of laboratory work.

Three hours second semester, elective for sophomores or juniors.

5 ENTOMOLOGY—

Lectures and class work. Anatomical study of the insects together with some collecting and classifying.

Two hours second semester, elective for those who have completed 1 and 2 or an equivalent.

PHYSIOLOGY

The study of Physiology as taught in the following course is intended to give a practical knowledge of the structure of the human body, and of the functions of its various organs. Special attention is given to hygiene.

1 PHYSIOLOGY—

Text book work is based on Martin's Human Body, Advanced Course; supplemented by the study of charts and the manikin. Anatomical demonstrations of the vertebrate organs are given, and dissections made of lower animals.

Three hours first semester, elective for sophomores and juniors.

GROUP D

PHYSICAL CULTURE AND ELOCUTION

PHYSICAL CULTURE

The gymnasium is equipped for free work and light gymnastics, including work with wands, dumb bells, indian clubs and chest weights.

A certain amount of systematic physical training is required of every student connected with the college, unless she is physically unable to engage in it. Upon entering the college every student is given a physical examination, with essential measurements, by the Director of Physical Culture. From this examination a card is made out for the student, showing her size and development, and how she compares with the normal standard. Along with these data is given a card indicating how any weakness that may exist is to be remedied, and affording advice in reference to bathing and the general care of the body.

Every student not a senior is required to exercise three half hours a week in the Gymnasium. This exercise occurs in classes. The movements executed are graded to correspond with the strength and advancement of the several divisions, and are carefully chosen from various systems to meet the needs of the student. (Every student, while exercising in the Gymnasium, must wear a gymnasium suit of the pattern prescribed by the director.) The forms of exercise, carefully conducted, prove to be in the highest degree beneficial. Each student is regularly marked and credited in her gymnasium work on the basis of faithfulness and punctuality.

In addition to the exercise in the gymnasium, every effort is made to encourage interest in out door sports and participation in them at proper seasons of the year, while regular exercise in the open air through the whole year is urged upon students as of the very greatest importance. There are two graded courts for tennis, and a basket ball field. The college encourages, and the Director superintends, field-sports of various kinds, including hockey and archery. All gymnastic work is done under supervision, in order to prevent over-exertion on the part of the students.

The Athletic Association is open to all members of the college and is under the direction of the department of Physical Culture.

Requests for omission of gymnastic work on account of ill health should be accompanied by a certificate from the student's family physician, and it should be noted that the reasons upon which the physician's certificate is based are to be given in full. All such requests with the accompanying certificate will be referred to a physician designated by the college.

The general health of the students is remarkably good, scarcely a case of severe illness has been known in the history of the college. For proper care in such slight ailments as may occur an infirmary is provided. It is large and open to the southern sun. It is well fitted with comforts for the sick and careful nursing is given them without extra charge.

1 FIRST YEAR COURSE—

Floor work, free hand work, marching, running, gymnastic games, drills. Exercises for pose, carriage, and general symmetrical development.

Three half hours required.

2 SECOND YEAR COURSE—

Continuation of the first year course.

Three half hours required.

3 THIRD YEAR COURSE—

Advanced work in line of 1 and 2.

Three half hours required.

4 FENCING—

Two half hours, elective after 2.

5 MEDICAL GYMNASTICS—

A special course prescribed for students who are physically unable to take the work required of other students.

Three half hours.

ELOCUTION

The design of this department is to teach oratory as an art, resting absolutely on the laws of nature; and to give thorough and systematic training in the principles upon which this art is founded. It aims to give a rounded development, to cultivate harmoniously the body, voice, and mind, and to enable the student to analyze, interpret, and render with appropriate effect, all kinds of literary composition.

The voice is cultivated to be the natural reporter of the thought in expression. Throughout this course Emerson's *Evolution of Expression* is used as a text book.

1 ELEMENTARY COURSE—

Voice culture, rendering, evolution of expression, articulation, inflection, quality of tone, pitch, force, volume, modulation, power, and abandonment in rendering, elementary gesture.

One hour, elective for all students.

2 SOPHOMORE COURSE—

Voice culture, gesture, rhythm, music, and imagination in rendering, laws of analysis; personality in rendering, scenes from Shakespeare.

One hour, elective for all students who have completed 1.

3 ADVANCED COURSE—

The suggestive period of art, ellipse, magnanimity, obedience, the keystone of purpose.

The perfective laws of art; purity, progressiveness, self-command, foresight, repose, persuasiveness, positiveness. Drill work and criticism upon powers to be perfected in expression. These laws furnish an ideal for the student to realize in her work.

One hour, elective after 1 and 2.

SCHOOL OF MUSIC

A. CAMERON MacKENZIE, D. D., PRESIDENT

GEORGE MORGAN McKNIGHT

Voice and Organ

Conductor of the Choral Class

MARY SELENA BROUGHTON

Piano and Harmony

SARA SHATTUCK VERRILL

Piano

MARGARET KNOX SMEALLIE

Piano

JOHN K. ROOSA

Violin

The School of Music occupies the Gillet Memorial Building, the generous gift of Mr. Solomon Gillett, of Elmira, which affords ample accommodations for practice and instruction.

The purpose of the Music School is to give the best facilities for students who desire to pursue any branch of music, practical or theoretical, and to furnish the best possible opportunities for the study of Piano, Organ, Violin, Voice, and Harmony.

ADMISSION OF STUDENTS

Students may pursue musical studies exclusively without being otherwise connected with the college.

Students connected with the academic department are allowed to choose music as an elective study under conditions governing all other electives. Three hours of music practice are equivalent to one hour of recitation, but students working for a degree in the academic department cannot elect music to count as recitation for more than two hours in one semester.

DEGREE

The degree of Bachelor of Music will be awarded only for graduate work of such quality as will meet the approval of the faculty.

DIPLOMA

Students who complete any of the following courses of study can receive the diploma of the department of music.

While the theory of music is not required, the necessity of some knowledge of harmony for music students is so obvious that all students are advised to devote at least one year to this study, and the music students are also advised to take as many academic courses or studies as possible.

Public and private concerts by the musical faculty and students are given frequently, to enable the latter to hear other works than those they are studying, and to receive the benefit that comes from performances with and before other musicians. Recitals and concerts by famous performers are arranged from time to time, which are open to students of the School of Music.

Advantages are offered to those who wish to become church organists. The course includes not only solo playing, but also instruction in choir accompaniment and direction from teachers of practicable experience in those departments.

PIANO

COURSE I—Technical Exercises. Major and Minor Scales. Arpeggios in octaves. Czerny's Op. 489: Kullak's Octave School, Book I; Selections from Heller's Studies.

PIECES—Sonatinas by Clementi, Kuhlman. Easy sonatas by Haydn, Mozart. Songs Without Words by Mendelssohn. Solo pieces by modern composers.

COURSE II—STUDIES—Technical Exercises, Mason's Touch and Technique. Study of Scales. Arpeggios on the triad and chord of the dominant seventh. Kullak's Octave School, Book I. Czerny's Op. 299, two books. Selections from Heller's Studies. Bach's Two-Part Inventions, and Little Preludes.

PIECES—Sonatas by Mozart and Haydn. Beethoven's Rondo in C.

Songs Without Words and Caprices by Mendelssohn. Modern pieces by Gade, Jensen, Kirchner, Godard, and others.

COURSE III—STUDIES—Mason's Touch and Technique. Kullak's Octave School, Book II. Czerny's 40 Daily Studies. Cramer's Studies, (Bulow.)

PIECES—Prelude and Fugue in C Minor by Bach. Beethoven's Sonatas Op. 2, No's. I, II, and III. Selections from Weber, Schumann, Chopin, Mendelssohn, Raff, and other composers.

COURSE IV—STUDIES—Cramer's Studies (Bulow). Clementi's Gradus ad Parnassum. Czerny's 40 Daily Studies. Chopin's Studies.

PIECES—Preludes and Fugues by Bach. Sonatas by Beethoven; Concertos by Weber, Mendelssohn, and Beethoven. Difficult work by Chopin, Raff, Schumann, Saint-Saens, Moskowski, Liszt, and others.

ORGAN

COURSE I—Manual studies in two, three, and four parts, by Thayer, Lemmens, Guilmant, Ritter, and others; beginning of pedal playing, with studies by Thayer, Buck, Rinck; easy pieces by composers of the German, French, and English schools; fundamental principles of registration.

COURSE II—Choral preludes by Bach, Merkel, and others; Buck's studies in pedal phrasing; easy Preludes and Fugues by Bach; moderately difficult pieces by Hesse, Merkel, Wely, Guilmant, Batiste, Smart, and others; transcriptions by Best.

COURSE III—Handel's Concertos; Mendelssohn's second Sonatas; Preludes, Fugues, and Choral Vorspiele by Bach; concert pieces by the best German, French, and English masters; registration and choir accompaniment.

COURSE IV—Preludes, Fugues, and Toccatas by Bach; Merkel's Sonatas; Chromatic Fantasia and Fugue; Rheinberger's Sonatas; difficult concert pieces and transcriptions by Lemmens, Guilmant, Widor, Saint-Saens, Best, Whiting, and Eddy.

HARMONY AND MUSICAL THEORY

In this course will be taught the principles of tone relation and combination, as included in the following divisions: Formations of the scales, major and minor; chromatic and enharmonic intervals; consonances and dissonances; simple triads and their inversions; primary and secondary

seventh chords in their original and inverted positions ; suspensions ; organ point ; passing-notes and passing-chords ; hidden fifths and octaves ; cross relation ; closing cadence ; chromatically altered chords ; modulation.

VOICE

The old Italian or Lamperti method, as taught by William Shakespere, of London, is employed mainly in the formation of the singing voice ; but the best features of other methods are used, according to the needs of the student.

COURSE I—Technical drill ; sight reading ; elementary studies of Sieber, Concone, Marchesi ; simple songs.

COURSE II—Technical drill ; sight reading ; advanced studies of Concone, Garcia, Lutgan, Bonoldi ; songs by the best composers ; simple scenes and arias from operas, cantatas and oratorios.

COURSE III—Technical drill ; sight reading ; studies of Lamperti, Panofka, Mazzoni, Rossini ; songs of Schubert, Schumann, Mendelssohn, Franz ; larger selections from operas and oratorios.

COURSE IV—Technical drill ; sight reading ; difficult concerted pieces ; songs by various composers, classic and modern.

THE MENDELSSOHN CLUB

The Mendelssohn Club, conducted by the Director of the Music School, meets one hour each week. Attendance of members is required, and no one will be excused except for reasons that would avail in regular recitations. All students joining the choral class will be required to take part in the recitals.

TERMS OF EACH SEMESTER

PAYABLE IN ADVANCE

Piano, three half-hour lessons a week	\$50 00
Piano, two half-hour lessons a week	35 00
Piano, two half-hour lessons a week (Primary)	17 00
Organ, two half-hour lessons a week	40 00
Organ, one half-hour lesson a week	25 00
Vocal Culture, three half-hour lessons a week	60 00
Vocal Culture, two half-hour lessons a week	40 00
Vocal Culture, one half-hour lesson a week	25 00
Harmony, two half-hour lessons, in class	10 00
History of Music, in class	5 00

Use of Piano or Organ for two hours or less of daily practice . . .	5 00
Use of Piano or Organ for more than two hours and not to exceed four hours of daily practice	10 00
The Choral Class is free to all music students and to all students in the regular college course.	

ART SCHOOL

GEORGE W. WATERS, *Director of Art School*

MABEL WATERS, *Instructor in Art*

The aim of the Art School is to give practical and theoretical instruction in drawing, painting, design, and decoration. The art studios occupy the upper floor of the main building. They are well arranged and are furnished with models and casts adapted for the study of art.

COURSE OF STUDY

COURSE I—Drawing in black and white. Water color painting from geometrical and ornamental designs.

COURSE II—Drawing from casts (antique and ornamental). Drawings from models of parts of the human figure.

COURSE III—Antique. Drawing from full length statue. Still life painting in oil and water colors.

COURSE IV—Drawing and painting from the draped model, life. Landscape sketching.

Classes for outdoor sketching and modeling in clay will be formed as required. Other courses will be given to those who desire advanced work.

EXPENSES FOR EACH SEMESTER

Drawing or Painting	\$35.00
Oil Painting from Life	50.00

STUDENTS

SENIOR CLASS

Barnes, Marjorie Elizabeth	Tottenville, L. I.
Barney, Angeline Maude	Elmira.
Bull, Ella Hollister	Slaterville Springs
Brown, Elizabeth Sheffield	Elmira.
Burgett, Bertha C.	E. Avon.
Burt, Ellen Frances	Elmira.
Burroughs, Georgia May	East Varick.
Bush, Phoebe	Horseheads.
Crosby, Julia Ann	Delhi.
Davison, Alice Lenore	Elmira.
Griffes, Florence Beatrice	Elmira.
Ingham, Helen Black	Elmira.
Joslyn, Rosamond	Elmira.
Lay, Mary Filer	Rochester.
Metcalf, Marion Garfield	Tunkhannock, Pa.
Norman, Georgia Sophia	Elmira.
Padgett, Frances	Owego.
Ringrose, Anna Victoria	Prattsburg.
Robinson, Grace Dean	New York.
Thomas, Cornelia Thurston	Angelica.
Wixon, Harriet Isabel	Elmira.

JUNIOR CLASS

Allen, Matilda Clark	Marion, Mass.
Birchard, Jane Maude	Elmira.
Bradley, Grace McKenzie	Wyoming.
Brown, Ruey E.	Bradford, Pa.
Brown, Susan Whitney	Horseheads.
Dexter, Emily Lenore	Elmira.
Doane, Alice Maynard	Elmira.
Dockstader, Bernice Annette	Horseheads.
Downes, Nellie Blanche	Van Etten.
Englebreck, Helen Gertrude	Elmira.
Fassett, Eliza Dale	Franklin, Pa.
Fisher, Edith	Elmira.
Hibbard, Alice Maude	Horseheads.
Long, Bertha Louise	Elmira.
Marshall, Hannah Rose	Horseheads.
Olmstead, Grace Lucille	Elmira.

Owen, Mazie.....	Elmira.
Ross, Margaret Jessie.....	Waverly.
Swan, Bertha Elizabeth.....	Elmira.
Swan, Mabel Donna.....	Elmira.
Smith, Edith Mae.....	Elmira.
Swartz, Mrytle A.....	Hallstead, Pa.
Wallace, Della Fannie.....	Elmira.
Waters, Grace.....	Elmira.
Whitaker, Jessie Louise.....	Waverly.

SOPHOMORE CLASS

Ackley, Mabel.....	Elmira.
Allen, Geneive Marie.....	Owego.
Amick, Marian.....	Cumberland, Md.
Amick, Vera.....	Cumberland, Md.
Bandfield, Clara Marie.	Van Etten.
Bodle, Elizabeth Hoag.....	Owego.
Clinton, Edith Kate.....	Elmira.
Davis, Daisy Jessie.....	Elmira.
Day, Julia Ingersoll.....	Horseheads.
Drake, Mary E.....	Elmira.
Dunn, Florence Mae.....	Middleburg.
French, Ernestine Hoyt.....	Elmira.
Gilbert, Edith Lucy.....	Elmira.
Gilbert, Grace Winifred.....	Elmira.
Hancock, Mary.....	Albany.
Hanson, Edna Jane.....	Horseheads.
Hinkley, Mary.....	Poughkeepsie.
Ingraham, Nelle Seney.....	Elmira.
King, Marion Elizabeth.....	Constantia.
Kolb, Carolyn Metzger.....	Elmira.
Lewis, Mabel Dana.....	Tunkhannock, Pa.
Love, Ida Lucile.....	Elmira.
Lucas, Martha Noyes.....	Fall River, Mass.
Lucas, Susan.....	Fall River, Mass.
MacKenzie, Christina E ..	Elmira.
Montgomery, Florence ..	Dryden.
Morse, Nellie.....	Waverly.
Moss, Bertha.....	Elmira.
Murray, Marion Page.	Wilkes-Barre, Pa.
Nafe, Julia May	Elmira.
Preston, Nina M.....	Attica.
Salmon, Frances.	Galeton, Pa.
Sayre, Catharine.....	Horseheads.
Young, Sara Louise	Wellsboro, Pa.

FRESHMAN CLASS

Bartholomew, Helen.....	Elmira.
Blades, Florence I.....	Elmira.
Brown, Edith M.....	Sandy Hill.
Butler, E. Marion.....	Highland Falls.
Clark, Mabel L.....	Avon.
Cleveland, Anna May.....	Elmira.
Coffran, Maude.....	Buffalo.
Delavan, Bertha N.....	Owego.
Diven Eugenia Lee.....	Elmira.
English, Laura J.....	Albion.
Goodhart, Martha G.....	Lewistown, Pa.
Gray, Elva Bessie.....	Elmira.
Griffin, Annah L.....	Big Flats.
Hilton, May A.....	Waverly.
Holzheimer, Helen J.....	Elmira.
Howe, Daisy A.....	Gardner, Mass.
Kinne, Louie Marie.....	Ovid.
Long, Adda McDaniels.....	Mechanicsburg, Pa.
Metcalf, Eleanor B.....	Tunkhannock, Pa.
Metzger, Mary W.....	Elmira.
Morse, Rosemary.....	Troy, Pa.
Neville, Edith.....	New York.
Newton, Lois B.....	Sherburne.
Ostrander, Iva Harriete.....	Painted Post.
Peterson, Mae.....	London, Ohio.
Rockwell, Rena.....	Elmira.
Rogers, Grace.....	Elmira.
Russell, Bessie B.....	Elmira.
Seely, Gertrude D.....	Osceola, Pa.
Sheeley, Ethel.....	Liberty.
Spring, Edna E.....	Elmira.
Thurston, Laura.....	Chestertown.
Wheeler, Ethel M.....	Haverstraw.

SPECIAL STUDENTS

Drake, Lucia.....	Elmira.
Fink, Helen Miller.....	Burdett.
Landrus, Bessie.....	Wellsboro, Pa.
Longwell, Anna Dumas.....	Bath.
Shupp, Helen.....	Rochester.
Wagoner, Helene.....	Elmira.
Wiesmer, Marguerite.....	Elmira.
Wyckoff, Florence.....	Elmira.
Young, Gertrude.....	Cuba.
Young, Louise Vedder.....	Newark, N. J.

MUSIC SPECIALS

Allen, Matilda Clark.....	Marion, Mass.
Amick, Marion.....	Cumberland, Md.
Baldwin, Ethel	Elmira.
Baldwin, Florence.....	Elmira.
Barron, Mrs. William	Elmira.
Baxter, M. Louise	Elmira.
Beck, Edna.....	Elmira.
Beck, Lillian.	Elmira.
Billings, Mrs. E. B.....	Elmira.
Brooks, Edith Sayre.....	Elmira.
Brophy, Claire	Elmira.
Brown, Harryet	Elmira.
Buckley, Gertrude.....	Elmira.
Burroughs, Georgia May	E. Varick.
Burt, Anna.....	Elmira.
Chamberlain, Elizabeth.....	Elmira.
Chilson, Mabel... ..	Elmira.
Collins, Elsie.....	Elmira.
Connelly, Catherine... ..	Elmira.
Cramer, Pearl E.....	Hudson, Mich.
Criddle, Vera A.....	Elmira.
Crocker, Mrs. E. B.....	Elmira.
Curtis, Lulu... ..	Hornellsville.
Drake, Lucia	Elmira.
Dundas, Olivia	Elmira.
Fassett, Jennie C.....	Elmira.
Fink, Helen Miller	Burdett.
Fraley, Jennie M.....	Elmira.
Gibbons, Katherine	Elmira.
Gulick, Stella	Elmira.
Harding, Bertha	Elmira.
Harris, Bertha	Elmira.
Herrick, Mrs. Ray.....	Elmira.
Hill, Adelaide	Addison.
Hislop, Grace.....	Elmira.
Hisserich, Norma	Elmira.
Hitchcock, Susan A.....	Elmira.
Jenkins, Minnie.....	Elmira.
Johnson, Mary Lathrop.....	Waverly.
Kingsbury, Ella.....	Corning.
Landrus, Bessie.....	Wellsboro, Pa.
Lewis, Edna	Elmira.
Longwell, Anna D... ..	Bath.

Looney, Alice.....	Hornellsville.
Lowe, Mrs. Amelia.....	Elmira.
MacCarrick, M. Louise.....	Elmira.
MacKay, Lulu Belle.....	Elmira.
MacKenzie, Christina E.....	Elmira.
Mason, Elizabeth.....	Elmira.
Miller, Christina.....	Elmira.
Miller, Fanny.....	Elmira.
Mills, Mabel.....	Elmira.
Murray, Marion Page.....	Wilkes-Barre, Pa.
Newton, Lois Bigelow.....	Sherburne.
O'Donnell, Minnie.....	Elmira.
Ostrander, Iva Harriette.....	Painted Post.
Owen, Elizabeth.....	Elmira.
Preston, Agnese.....	Hornellsville.
Reid, Blanche.....	Elmira.
Rhodes, Margaret.....	Elmira.
Rickey, Isabel Y.....	Horseheads.
Riggs, Elizabeth Marguerite.....	Elmira.
Roach, Mrs. C. H.....	Elmira.
Robinson, Emma De Voe.....	Elmira.
Rogers, Florence.....	Elmira.
Rogers, Grace.....	Elmira.
Russell, Bessie.....	Elmira.
Saunders, Fanella.....	Hornellsville.
Scheirer, Nellian.....	Elmira.
Sherwood, Anna.....	Wellsboro, Pa.
Shupp, Helen M.....	Rochester.
Slocum, Beatrice.....	Elmira.
Swartz, Etta.....	Elmira.
Thomas, Cornelia Thurston.....	Angelica.
Tompkins, Marjorie.....	Elmira.
Updyke, Mabel.....	Elmira.
Wagoner, Helena.....	Elmira.
Wells, Harriet.....	Elmira.
Wiesmer, Stella Marguerite.....	Elmira.
Wilds, Mabel.....	Elmira.
Wisehart, Belle.....	Elmira.
Wood, Clara.....	Elmira.
Wood, Elizabeth.....	Elmira.
Wyckoff, Sibyl.....	Elmira.
Yates, Fanny.....	Elmira.
Young, Louise Vedder.....	Newark, N. J.
Zimmerman, Josephine.....	Elmira.

SUMMARY

Senior class...	21
Junior class.	25
Sophomore class	34
Freshman class.	33
Special Students	10
<hr/>	
Total in college	123
Music students	87
<hr/>	
	210
Names repeated.	17
<hr/>	
Total number of students	193

SCHEDULE OF APPOINTMENTS FOR 1902-3

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9.20 to 10.10	Latin (3) and (4) Greek (4) and (5) Italian (1) Astronomy Geology Biblical Literature (1)	German (2) French (2) Mathematics (1) and (2) Mineralogy Philosophy (3) and (4) Biology (3) Physiology	German (2) French (2) Mathematics (1) and (2) Geology Philosophy (3) and (4)	German (2) French (2) Mathematics (1) and (2) Latin (3) and (4) Greek (4) and (5) Astronomy Geology	German (2) French (2) Mathematics (1) and (2) Mineralogy Philosophy (3) and (4) Biology (3) Physiology
10.15 to 11.05	German (4) French (4) History (1) English (5) Biology (4)	Latin (5) and (6) German (5) French (5) History (2) and (3) English Literature (2) Biology (1) and (2)	English (6) History (1) English Literature (1) Biology (4) Spanish (1)	Latin (5) and (6) German (4) French (4) History (1) English (5) Biology (1) and (2)	German (5) French (5) History (2) and (3) English Literature (2)
11.10 to 12	Latin (12) Greek (1) German (3) French (3) Mathematics (3) and (4) English (3) Art History (1) Sociology	Greek (2) or (3) Mathematics (3) and (4) English Literature (4) and (5) Italian (2) Physics (3) English (1)	Latin (12) Greek (1) German (3) French (3) Mathematics (3) Art History (1) Chemistry (3)	Greek (2) or (3) Mathematics (3) and (4) English (1) and (3) Italian (1) Art History (1) Sociology Physics (3)	Latin (12) Greek (1) German (3) French (3) Art History (1) Chemistry (2)
12.05 to 12.55	Latin (7) or (8) and (9) or (10) Greek (7) German (1) French (1) Mathematics (1) and (2) Old English (2) Biology (5) Political Economy	Greek (7) German (1) Mathematics (1) and (2) Old English (1) History of Education	Greek (7) French (1) Mathematics (1) and (2) Old English (1) Political Economy Pedagogy	Latin (7) or (8) and (9) or (10) Greek (7) German (1) French (1) Biology (5) History of Education	German (1) French (1) Mathematics (1) and (2) Old English (1) Political Economy Pedagogy
2 to 2.50	Latin (1) and (2) English Literature (3) History (4) and (5) Spanish (1) Physics (1) and (2) Biblical Literature (2) and (3)	Latin (1) and (2) Greek (8) Mathematics (6) and (7) Spanish (2) English Literature (6) and (7) Philosophy (2) and (5) Chemistry (1)	Latin (1) and (2) Greek (6) Philosophy (2) and (5) Chemistry (1)	Latin (1) and (2) Greek (8) English Literature (3) Physics (1) and (2) Biblical Literature (2) and (3)	Greek (8) Mathematics (6) and (7) Spanish (2) English Literature (6) and (7) Philosophy (2) and (5) Chemistry (1)
2.55 to 3.45	German (6) French (6) Mathematics (5) and (8) Chemistry (1) and (4) Greek Archaeology Gymnasium	English (2) Mathematics (5) and (8) Biology (1) and (2) Chemistry (3) Latin (11)	German (7) and (8) French (8) Chemistry (2) Biology (3) Physiology Gymnasium	German (6) French (6) and (7) Chemistry (2) and (4) Biology (4) Gymnasium	English (2) Mathematics (5) and (8) Italian (2) Chemistry (3) Latin (11)

*Hours for Elocution to be arranged.

Thomas Apple Clark

CATALOGUE

ELMIRA COLLEGE



FORTY-EIGHTH YEAR

1902 - 1903

ELMIRA, N. Y.
ADVERTISER ASSOCIATION PRESS
1903

CORRESPONDENCE

Requests for the annual catalogue and inquiries relating to expense and to the engagement of rooms should be addressed to the REGISTRAR.

Inquiries concerning conditions of entrance, whether by examination or certificate, and correspondence bearing upon the general interests of the college, or upon any of its departments, should be addressed to the PRESIDENT.

Communications in reference to details of instruction in the college, and to the health and welfare of students, should be addressed to the DEAN.

Thomas Arkle Clark

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COLLEGE CALENDAR

1903

College Exercises begin Wednesday, January 7, 9 a. m.

Day of Prayer for Colleges, Thursday, January 29.

Second Semester begins Monday, February 2, 9 a. m.

Spring Recess begins Friday morning, April 3.

College Exercises begin Wednesday, April 15, 8 a. m.

Forty-eighth Commencement, Wednesday, June 10.

College opens September 16.

Registration and Examination for students, Thursday, September 17, 9 a. m.

College Exercises begin Friday, September 18, 9 a. m.

Thanksgiving Day, Thursday, November 26.

Thanksgiving occurs so near to the Christmas recess that only the day will be observed as a holiday.

Winter Holidays begin Thursday morning, December 17.

1904

College Exercises begin Wednesday, January 6, 9 a. m.

Day of Prayer for Colleges, Thursday, January 25.

Second Semester begins Monday, February 1, 9 a. m.

Spring Recess begins Friday morning, March 25.

College Exercises begin Wednesday, April 6, 8 a. m.

Forty-ninth Commencement, Wednesday, June 8.

1903.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1903.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1904.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Jan.	..	..	..	..	1	2	3	July	..	..	..	1	2	3	4	Jan.	..	..	..	..	..	1	2
	4	5	6	7	8	9	10		5	6	7	8	9	10	11		3	4	5	6	7	8	9
	11	12	13	14	15	16	17		12	13	14	15	16	17	18		10	11	12	13	14	15	16
	18	19	20	21	22	23	24		19	20	21	22	23	24	25		17	18	19	20	21	22	23
	25	26	27	28	29	30	31		26	27	28	29	30	31	..		24	25	26	27	28	29	30
Feb.	1	2	3	4	5	6	7	Aug.	..	..	..	..	..	..	1	Feb.	..	1	2	3	4	5	6
	8	9	10	11	12	13	14		2	3	4	5	6	7	8		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		9	10	11	12	13	14	15		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		16	17	18	19	20	21	22		21	22	23	24	25	26	27
	..	..	..	..	..	..	..		23	24	25	26	27	28	29		28	29	..	..	..	..	..
Mar.	1	2	3	4	5	6	7	Sept.	30	31	..	..	..	..	..	Mar.	..	..	1	2	3	4	5
	8	9	10	11	12	13	14		..	..	1	2	3	4	5		6	7	8	9	10	11	12
	15	16	17	18	19	20	21		6	7	8	9	10	11	12		13	14	15	16	17	18	19
	22	23	24	25	26	27	28		13	14	15	16	17	18	19		20	21	22	23	24	25	26
	29	30	31	..	..	..	..		20	21	22	23	24	25	26		27	28	29	30	31	..	..
Apr.	..	..	..	1	2	3	4	Oct.	..	..	..	..	1	2	3	Apr.	..	..	..	..	..	1	2
	5	6	7	8	9	10	11		4	5	6	7	8	9	10		3	4	5	6	7	8	9
	12	13	14	15	16	17	18		11	12	13	14	15	16	17		10	11	12	13	14	15	16
	19	20	21	22	23	24	25		18	19	20	21	22	23	24		17	18	19	20	21	22	23
	26	27	28	29	30	..	..		25	26	27	28	29	30	31		24	25	26	27	28	29	30
May	..	..	..	..	..	1	2	Nov.	1	2	3	4	5	6	7	May	1	2	3	4	5	6	7
	3	4	5	6	7	8	9		8	9	10	11	12	13	14		8	9	10	11	12	13	14
	10	11	12	13	14	15	16		15	16	17	18	19	20	21		15	16	17	18	19	20	21
	17	18	19	20	21	22	23		22	23	24	25	26	27	28		22	23	24	25	26	27	28
	24	25	26	27	28	29	30		29	30	..	..	..	..	..		29	30	31	..	..	..	..
	31	..	..	..	..	..	..		..	..	1	2	3	4	5	June	..	..	..	1	2	3	4
June	..	1	2	3	4	5	6	Dec.	..	..	1	2	3	4	5		5	6	7	8	9	10	11
	7	8	9	10	11	12	13		6	7	8	9	10	11	12		12	13	14	15	16	17	18
	14	15	16	17	18	19	20		13	14	15	16	17	18	19		19	20	21	22	23	24	25
	21	22	23	24	25	26	27		20	21	22	23	24	25	26		26	27	28	29	30	..	..
	28	29	30	..	..	..	..		27	28	29	30	31	..	..		..	..	..	..	..	..	..

BOARD OF TRUSTEES

TERM EXPIRING IN 1903

SEYMOUR DEXTER, PH. D.
MRS. HOWARD ELMER, A. B.
WILLIAM S. TRUMAN
HARMON H. FULTON
ARTHUR CLINTON
ALEXANDER DAVIDSON

TERM EXPIRING IN 1904

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THOMAS COCHRANE
HENRY G. MERRIAM, A. B.
REV. DAVID J. BURRELL, D. D.
MRS. HELEN B. TURNER, A. B.
JOHN BRAND

TERM EXPIRING IN 1905

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REV. ISAAC JENNINGS, D. D.
A. CAMERON MacKENZIE, D. D.
MALLORY D. SCHOONMAKER
H. AUSTIN CLARK
HUBERT C. MANDEVILLE, A. B.
MRS. HELEN M. McWILLIAMS, A. B.

OFFICERS OF THE BOARD

A. CAMERON MacKENZIE, D. D. President
H. C. MANDEVILLE, A. B. Secretary
SEYMOUR DEXTER, PH. D. Treasurer

EXECUTIVE COMMITTEE

A. C. MacKENZIE

SEYMOUR DEXTER

* FRANCIS HALL

WILLIAM R. RATHBUN

H. G. MERRIAM

MRS. HELEN B. TURNER

ARTHUR CLINTON

HUBERT C. MANDEVILLE

H. AUSTIN CLARK

BOARD OF EXAMINERS

TERM EXPIRING IN 1903

REV. SAMUEL DUNHAM, A. B.

REV. J. WILFORD JACKS, D. D.

REV. EDWIN H. DICKINSON, D. D.

TERM EXPIRING IN 1904

REV. EDWARD M. DEEMS, PH. D.

REV. DANIEL MacKAY, M. A.

REV. SAMUEL W. PRATT, D. D.

TERM EXPIRING IN 1905

REV. NEWTON L. REED, D. D.

REV. SAMUEL T. CLARK, D. D.

REV. HORACE BRIGGS, PH. D.

OFFICERS OF ADMINISTRATION AND INSTRUCTION

ALEXANDER CAMERON MacKENZIE, D. D.,...President
M. ANSTICE HARRIS, PH. D.,...Dean
HELEN E. FORD.....Registrar

AUGUSTUS W. COWLES, D. D., LL. D.*
Professor of Christian Evidences and Art Criticism
President Emeritus

DARIUS REYNOLDS FORD, D. D.
Professor of Astronomy

CORNELIA PORTER DWIGHT, M. A.
Professor of Mathematics

M. EMMA N. FRASER, PH. D.
Professor of French, Spanish, and Italian

FRANCIS A. RICHMOND, B. S.
Professor of Physical Sciences

ADELAIDE TABER YOUNG, B. S.
Professor of Biology and Physiology

HOLLISTER ADELBERT HAMILTON, PH. D.
Professor of Greek and Professor of History

MARJORIE LINCOLN ALLEN.
Hygiene, Elocution, and Physical Culture

ROBERT SOMERVILLE RADFORD, PH. D.
Professor of Latin Language and Literature

M. ANSTICE HARRIS, PH. D.
Professor of English Language and Literature
Dean of College

*Academic faculty arranged in order of appointment.

VIDA F. MOORE, PH. D.
Professor of Philosophy and Ethics

MARY ELIZABETH HIGHET, PH. D.
Professor of German Language and Literature

GEORGE MORGAN MCKNIGHT
Director of Music School
Vocal Culture and Organ

MARY SELENA BROUGHTON
Piano and Harmony

SARAH SHATTUCK VERRILL
Piano

GRACE A. SHAW
Piano

JOHN K. ROOSA
Violin

GEORGE W. WATERS
Director of Art School

MABEL WATERS
Instructor in Art

CORNELIA PORTER DWIGHT
Secretary of Faculty

RUEY E. BROWN
Librarian

DARIUS REYNOLDS FORD, D. D.
Curator of Museum

OTHER OFFICERS.

CHARLOTTE M. JONES
Matron

THOMAS BARNES
Steward

HISTORY

The founding of Elmira College marked the commencement of a new era in the higher education of women. The quarter of a century immediately preceding had witnessed noble and successful efforts in establishing seminaries, some of which were of great excellence and high grade. These mainly depended upon the personality of their proprietors, chiefly women, whose high character and executive skill gave them deserved success. It was, however, impossible to transfer to successors the personal influence, the affection of pupils, and the educational skill which gained the well-earned reputation of the founders, who in many instances, after a period of successful labor, retired with a handsome fortune, leaving the seminary as a new business enterprise to some one else. There was no accumulation of educational forces, no conservation of what had been gained, no expectation of permanence and increased value.

The success of the seminaries, limited as it necessarily was, led thoughtful men to argue that permanent institutions were needed which might center the accumulated interest of successive years, and establish it as an element of wider success, such as existed in the colleges long since endowed for the education of men.

It was also believed that the associated college life, with its varied friendships, its class feeling, its society intimacies and its loyal love for Alma Mater, might be of very great value in the education of women. It was believed to be possible to furnish an almost ideal home life in a well regulated Christian college for women, which might be and ought to be a constant training in self-control, spontaneous kindness, and mutual helpfulness; not by compulsory drill, but by feeling that it is perfectly safe to trust and love each other. So that college life might be the best preparation for a future home life, for Christian social life, and also be a superior professional preparation for teachers.

Such was, in general principles, the ideal before the minds of those who resolved to take the next step upward, from the highest and best seminaries, to a true college for women.

In the year 1851 a number of distinguished ministers and laymen, under the inspiration and leadership of the Rev. Samuel Robbins Brown, met in Albany to consider the matter of establishing a real college for women, in advance of the best female seminaries and designed to furnish a much higher systematic education by a college faculty, with a permanent organization into special departments, and with endowments which should secure a continued and increasing growth, as well as a permanent place and honorable rank among the valuable and distinguished institutions of the country. Dr. Wyckoff, Hon. Amos Dean, and Hon. Luther Tucker of Albany, Dr. Beaman of Troy, Dr. Mandeville of Hamilton College, Dr. Hickok of Auburn, Dr. Hogarth and Prof. Boyd of Geneva, Dr. Kendrick of Rochester, and other prominent educators, gave the enterprise their hearty approval and co-operation. After careful consideration, it was resolved to establish a college for women somewhere in the state of New York. In the following year, 1852, a charter was obtained locating the institution at Auburn, with the title Auburn Female University, with an able board of trustees from all parts of the state representing the various Christian denominations. A financial secretary was put into the field to gather subscriptions and to enlist the Christian public in this new institution. The secretary was the Rev. Harvey A. Sackett.

No account of the early days of the college can be compiled without calling special attention to the name of one conspicuous worker in the cause of the higher education of women. The Rev. Samuel Robbins Brown, of an ancestry eminent in educational work, after his graduation from Yale in 1832 gave a long life to the uplifting of mankind and became well known as a great pioneer educator and organizer in China and Japan. In the initiatory movement toward organizing a college for women he was one of the most efficient

workers. He was chairman of its first executive committee and was active in securing a site for the college as well as in obtaining funds for its founding. He with Dr. Boyd of Geneva, and Dr. Kendrick of Rochester, determined upon the course of study to be pursued, a course at that time the most advanced ever offered to woman by any institution.

The practical problems of the founders of this pioneer college were often serious, great difficulty was encountered in raising funds. The new era of great donations had not yet come. With an encouraging prospect of pecuniary help from Elmira, the question of location was reconsidered and the proposed institution transferred from Auburn to Elmira in 1853, and chartered in 1855 as the Elmira Female College. Mr. Simeon Benjamin, an elder in the First Presbyterian Church, became warmly interested in the enterprise. He became chairman of the board of trustees and also treasurer of the college, and by his able financial management, generous advances, and gifts of much needed funds at critical times, he gained for the college its secure though moderate pecuniary success.

Believing that a liberal initial equipment was a necessity, the college authorities determined to secure it. In consequence of this policy the college opened with a debt of nearly forty thousand dollars, more than half of which was owed to Mr. Simeon Benjamin, and a considerable part of the remainder to his personal friends in New York and on Long Island.

After a few years Mr. Benjamin released the college from twenty-five thousand dollars of its obligation on condition that the college be placed under the synod of Geneva, with the provision that the evangelical denominations should be represented upon the board.

The donations and legacy of Mr. Benjamin, through the first ten years of the college history, amounted to the sum of \$80,000. During this period the college also received from the legislature \$35,000, from the Maxwell brothers, Geneva, \$10,000, and later from the Marquand estate \$25,000, and

from subscriptions at various times \$100,000, making a total of \$250,000, in the years preceding the present administration, besides the gift of the Gillett Memorial Hall by bequest of Solomon L. Gillett. But this all came so slowly that the college labored under great difficulty in putting itself in favorable comparison with the new colleges for women which after 1864 began to appear in the eastern states, and which were either endowed heavily, or supported by large annual gifts.

It has, perhaps, proved not altogether unfortunate that through its history Elmira College has been compelled by comparatively limited means, as well as by conscientious principle, to offer excellence of instruction and the best possible training of the personal character of students as its most important attractions, so that while waiting anxiously for donations and legacies it might become more and more clear that the college was unquestionably worthy of them and would surely make the best possible use of them.

The college was opened under the presidency of the Rev. Augustus W. Cowles, LL. D., a graduate of Union College in the class of 1841, and of Union Theological Seminary in 1846. There were associated with him seven professors, and it was his earnest endeavor to sustain by their aid a good standard in college requirements. In fact it is a matter of tradition dating from these earliest days of the pioneer leaders, that in standard of scholarship Elmira has always taken a firm position. In 1857 the freshman class pursued the following required studies, at that time the most advanced course of required study in any institution for women, classes usually reciting four or five lessons each week: Cicero's orations, Kuhner's Greek grammar, Davies's university algebra, descriptive astronomy, critical reading of English poets, outlines of ecclesiastical history, botany, part of Mrs. Somerville's physical geography, philosophy of history, with a Sunday lesson in Nichols' "Helps to Bible Study."

In the sophomore class: Latin and Greek were continued;

geometry, plane, solid, and spherical, was completed; political economy, civil government, rhetoric, and natural philosophy were studied.

The junior class studied trigonometry, chemistry, the French and German languages, with English literature, Kames's criticism, logic, geology, and mineralogy.

The senior class (with no electives) continued the French and German languages and English literature through the year, also studied conic sections and mathematical astronomy, mental science, application of science to useful arts, moral philosophy, Paley's Natural Theology, Butler's Analogy, with a Sunday lesson in Gregory's Evidences of Christianity. This course of study was in good faith designed by experienced college men to be fully equivalent to the regular four years' course of study at that time required in the best colleges for men. The less amount of Latin and Greek was believed to be fully compensated by an extensive and thorough study of modern languages (studies which were not required at that time by any other college in the state), and by extended courses in English literature and in history, ethics, and Christian evidences. If Elmira could have been supplied with students well prepared for the freshman class, the course of study above described could have been made the ideal course for women at that time.

The difficulty of the students' inadequate preparation for college work made it advisable for the college to control a preparatory school, and it early founded and for many years maintained an academy in connection with the college. As the improved public schools relieved the necessity for this adjunct, it was abandoned, and the energies of the executive body were directed wholly to the widening of the curriculum and to the increase of equipment.

In 1889, after thirty-five years of service, Dr. Cowles retired from the active work of the presidency, to continue, as a professor of Biblical literature and of æsthetics, his service to the institution and his association with Dr. Ford, the friend who stands second only to him in the length of his

connection with the college. In the early years of the college Dr. Cowles fortunately associated with himself the Rev. Darius R. Ford, D. D., as professor of the natural sciences, and since 1863 Dr. Ford has been very intimately connected with college affairs and upon him has depended in no small part the success and prosperity of the management. Through his influence and enthusiasm the collections for the museum already begun by his predecessor, Professor Charles S. Farrar, as early as 1857, were very greatly enlarged, and so classified and arranged as to be made available for use by college classes. These collections, of which the college is justly proud, are now placed in the museum and remain a monument to the effort and self-sacrifice which they have cost.

It is due to the large-hearted and far-sighted men who had the wisdom to plan and the courage to lay such broad foundations of college life for women, that Elmira College has stood consistently for ideals of fearlessness and earnestness, and for reverence for the highest things of life, and that though among women's colleges it is the oldest, it has remained progressive in spirit through all its history.

When Dr. Cowles retired from the presidency the difficult problem of finding an able successor had to be faced, and the best efforts of the trustees resulted only in several brief administrations. The Rev. Wilson Phraner, D. D., entering hopefully upon his office in the autumn of 1889, was forced after a few months to retire because of failure of health. The Rev. C. Van Norden, D. D., who followed President Phraner, was soon in turn succeeded by the Rev. Rufus S. Green, D. D., a man of social gifts, who in his brief administration from 1893 to 1895, endeared himself to the students of the college and to the people of Elmira, and added to the financial resources of the college.

Feeling the embarrassment of the frequent change of administrative policy, the friends of the college, upon the retirement of President Green, would consent to no appointment not likely to be permanently satisfactory. Dr. Cowles,

notwithstanding his increasing years and wish to be relieved of the burden of responsibility attaching to the office, consented to act as president until such an arrangement could be made. The college remained in his hands until 1897, when the Rev. A. Cameron MacKenzie, D.D., became president. Since that time three lines of activity have principally engaged the energies of those interested in the advancement of the college. The first has been an advanced requirement for entrance; the second, an effort to strengthen the faculty by bringing into it representatives of special training, or of teaching experience in the great colleges, as coadjutors of the elder professors; and the third, the raising of a semi-centennial fund of half a million dollars for added buildings and increased equipment.

To some extent the efforts in these directions have been effectual. The college entrance requirement is now in substantial accord with the standard of all the best eastern colleges. The faculty numbers representatives of Brown, Yale, Cornell, Johns-Hopkins, Pennsylvania, Wesleyan, and other high grade institutions.

To the semi-centennial fund, including the hundred thousand dollars subscribed under the present administration, there has been added during the past year a number of gifts, the largest of which (\$8,000) came through the will of the late Francis Hall of Elmira, who was at the time of his death the senior trustee of the college. During the last thirty years of his life Mr. Hall, in addition to making many handsome donations, rendered much intelligent and active service to the college.

SITUATION

The City of Elmira, in the State of New York, is a town of forty thousand inhabitants and is a railroad center. The college is situated on the outskirts of the city and is easily accessible from the stations of the Northern Central, the

Delaware, Lackawanna & Western, the Erie, and the Lehigh Valley Railroads.

While the college has the advantages and comforts incident to close connection with the city, it has all the quietness desirable for the student. Its elevation, though slight, commands a view of the surrounding country for many miles, and its campus, containing about fourteen acres, is most pleasing. It is laid out in walks, and is diversified by trees and shrubs and by open lawns which surround the little sheet of water lying at the foot of the hill; here are the tennis courts and the basket-ball field, where tournaments are held in autumn and in spring.

EQUIPMENT

MAIN BUILDING

The main building is three hundred feet in length and is five stories in height. Although erected half a century ago, one is impressed on entering its doors with the substantial appointments everywhere visible. It is equipped with electric lighting and steam heating appliances, with an elevator and with fire escapes, and it is the residence hall for students.

In the rotunda on the first floor is situated the chapel, equipped with an excellent Hook and Hastings organ. From the rotunda radiate corridors to the various wings of the building. In the west wing are situated the parlors and the society rooms, well furnished, and equipped with libraries. In the east wing are located the offices of President and Registrar, and occupying the entire north wing is the dining room.

OBSERVATORY

The observatory is situated on the college grounds southwest of the main building. It is equipped with an equatorial telescope of eight and a half inches aperture, a transit instrument, an electric chronograph, an astronomical clock,

sextant, and chronometers, and various minor instruments. The equipment is available for illustrating the general courses in astronomy, and for practical use in the applied courses.

THE LABORATORIES

The department of chemistry and physics occupies the lower floor of the west wing of the main building. Besides the store room, the department contains a lecture room equipped with a projection lantern, gas, water, and other conveniences for lecture experiments.

Adjoining the lecture room on the right is the chemical laboratory, entirely refitted and furnished with the most approved desks and most modern plumbing; it is a large, well lighted, well ventilated room, having accommodations for thirty students. This laboratory is furnished with gas, water, and lockers, and is equipped for general chemistry, qualitative analysis, elementary and advanced quantitative analysis.

At the left of the chemical laboratory is the private laboratory of the professor, which is used by the advanced students in quantitative and sanitary chemistry. The balance room is furnished with a Staudinger analytical balance, a Queen & Co. balance, as well as balances for general work. The private laboratory is equipped for general analytical work.

Adjoining the lecture room is also the physical laboratory which contains, in addition to apparatus for lecture room experiments, the working tables and equipment for student use. It is supplied with galvanometers, both tangent and astatic, electrical machines, a dynamo, a Wheatstone bridge, resistance boxes, photometers, batteries, and other instruments necessary for laboratory work.

The biological laboratory is conveniently placed and is well lighted. It contains compound microscopes and dissecting instruments for the use of each student, a series of charts, a human skeleton, and an Auzoux dissecting manikin.

Abundant material for individual work is supplied. Zoological collections and the extensive herbarium in the museum are accessible to students.

LIBRARY

The college library is a collection of carefully selected books for the purpose of study and investigation. Additions of such books as are thought most desirable for the use of students are made regularly each year. The library now contains more than five thousand volumes, selected with special reference to working needs. All books are catalogued by the Dewey system, and students have access to the shelves.

The interest of a fund, the bequest of the late Mr. Francis Hall of Elmira, is devoted to the purchase of books for the library. Generous additions to the history department have been made during past years by the Alumnae Association of New York, and gifts for other departments have been donated by recent graduating classes, and by others interested in the college.

The reading room is supplied with weekly papers, and the leading scientific and literary periodicals.

THE MUSEUM

The museum is the natural ally and supplement to the college library. It contains an extended collection of natural specimens which serve to illustrate the arts, industries, and learning of mankind. The museum of Elmira College is contained in Gillett Memorial Hall, and is composed of several thousand specimens of birds, minerals, rocks, and fossils, collected during the past forty years, mainly through the efforts of Dr. Ford.

Zoology—In ornithology, sixty cases and one large cabinet contain over two thousand specimens of birds from North and South America, India and Australia. A few additional cases serve to exhibit several typical specimens of mammals and reptiles. All have been prepared and mounted by skill-

ful taxidermists. Of invertebrate animals there are thirteen cases of insects, exhibiting coleoptera and lepidotera; a number of cases of fresh water mollusks from the lakes and rivers east of the Mississippi; a small case of marine mollusks from the New England coast.

Botany—The specimens in this department consist of a collection of specimens of plants found in the lower Mississippi Valley, a collection from the flora of New England, a cabinet containing the principal species of flowering plants in the local flora of Elmira and vicinity. To the above a large addition is expected in the near future.

Geology—In this department are the following :

- (a) A cabinet of general geology.
- (b) A valuable collection of the principal ores of gold and silver found in the mining regions of the Rocky Mountains and parts of the Pacific coast.
- (c) A cabinet of the ores and products of the useful metals, as iron, copper, zinc, lead, tin, and other metals employed in the various industries of the world.
- (d) A collection of specimens from the coal fields of America.
- (e) Fossil geology is represented by a suite of large fossil casts illustrative of fossils of all systems.
- (f) A cabinet of gems and natural crystals, showing nature's geometric forms as well as the gems selected for the purposes of art and ornamentation.

Mineralogy—Here is: (a) a set of typical specimens illustrative of the more common minerals found in rocks. (b) Several hundred specimens of minerals common in the Lake Superior region, and in New York and Pennsylvania.

Archæology—A collection of antiquities, such as ancient books, parchments, deeds, forms of pottery, medals, Roman lamps, glass works, relics from battle-fields and many specimens illustrative of olden times.

Numismatics—This department contains a rare collection of ancient Greek and Roman coinage, representing a period reaching back almost to the time of Christ, also coins illus-

trating the history of the Middle Ages, together with a large number representing those now in use among the nations of the world. These, with a few specimens of rare paper money, are conveniently arranged for inspection.

COLLEGE SCHOOL OF MUSIC

Through the generosity of the late Solomon L. Gillett, one of the most complete buildings for the study of music was built on the east side of the campus. It is named "The Gillett Memorial Hall," in honor of the donor. The building is a brick and stone structure, containing twenty-two furnished rooms, which are isolated one from another by padded walls and floors and double doors. It is heated by steam, lighted by electricity, and thoroughly ventilated. It is equipped with twenty pianos, a reading room, reference library, and all conveniences for study and comfort. The faculty is composed of professors whose training in America and Europe, and whose acquired reputation in this country, guarantee to students a thorough musical education.*

THE RELIGIOUS LIFE OF THE COLLEGE

Elmira College was founded by men of strong religious impulse, and an unswerving faith in Christianity as the power which is mightiest to develop and sustain what is best in man. The college is strictly unsectarian, its board of trustees being chosen from the following Christian denominations: Baptist, Congregational, Dutch Reformed, Episcopal, Methodist, and Presbyterian. But while no religious tests are imposed upon any officer or student, and while perfect freedom is guaranteed to all, the authorities of the college through all its history have stood for the belief that intellectual culture can never compensate for the atrophy of the religious nature. The charge of the past to the present

*See page 50.

is to see to it that this college shall become to an ever-widening degree the nursery of strong, free, and gentle spirits able to shape the future, and to face life with courage and with joy.

Chapel exercises are held each morning at nine o'clock and are usually conducted by the president. The students are expected to attend each chapel service. The churches of the city are most cordial in their welcome of students to their congregations and every student is expected to attend the church of her choice with regularity. The college course offers systematic instruction in Biblical Literature and Christian Sociology.

SOCIAL LIFE OF THE STUDENT

The Student's Government Association has in charge the order of the students in the household. All students of the college are members of this association.

There are two literary societies, Kappa Sigma and Phi Mu, which meet on alternate Friday evenings in their respective rooms, which have been artistically furnished, and which are equipped with good libraries. Literary, musical, and dramatic entertainments are frequently given. Securing members among the new students and carrying on social functions during the college year lead to energetic and friendly rivalry between the societies. At stated times the societies entertain each other, their friends, and the members of the college household.

The Fraternity of Thespiis is an association for the study and presentation of classic dramatic literature. The members have recently played *The Taming of the Shrew* for their fellow students and friends. No student is admitted to active membership of this society unless her class standing is high.

The Biological Society meets once a month for the discussion and study of recent scientific investigations.

The Mendelssohn Club gives concerts during the year, and through the Music School many renowned musicians are brought to the college.

The Glee and Mandolin Clubs consist of the students of special musical talents. These organizations have been attractive factors in the social life of the college.

The Athletic Association is a very popular organization and is open to all students of the college.

The students have in charge the college magazine; The Sibyl, which is published five times annually: in October, December, February, April, and June, by the senior class. Terms \$1.00 a year; single copies 25 cents.

The Student's Christian Association holds regular meetings to promote the religious life in the college.

The College Settlements Association has an Elmira College Chapter.

TEACHERS REGISTRY

A registry of names of students who wish to teach is kept by the college. The president will be pleased to correspond with any who desire teachers.

The success of Elmira College graduates in securing and satisfactorily filling lucrative positions is to be remarked, and an increasing number of applications are each year received at the college for graduates to fill positions as teachers.

EXPENSES

All checks should be made payable to Elmira College.

The college year is divided into semesters of nearly equal length—September to February—February to June.

Students of the college will be charged per year as follows :

Tuition, (except Music and Art, which are extras)	\$100 00
Tuition, single subject	30 00
*Home and board	200 00
Room alone	50 00
Study Room for Day Students	5 00
Registration fee, when room is taken	5 00
Laboratory fees, chemicals, materials, etc	5 00
Extra charge for meals sent to room	25
Extra charge for laundry, per dozen	50

Payments are to be made as follows :

Students, resident in the college, will pay on entering in September \$200 00

Students, not residents in the college, will pay on entering in September 60 00

The remainder in each case at the opening of the second semester.

Students whose bills are not paid within twenty days after the opening of each term will be debarred from the classes.

EXTRA CHARGES PER SEMESTER—MUSIC AND ART

Piano, three half-hour lessons a week	\$ 50 00
Piano, two half-hour lessons a week	35 00
Piano, two half-hour lessons a week (primary)	17 00
Organ, two half-hour lessons a week	40 00
Organ, one half-hour lesson a week	25 00
Vocal Culture, three half-hour lessons a week	60 00
Vocal Culture, two half-hour lessons a week	40 00
Violin, three half-hour lessons a week	60 00
Violin, two half-hour lessons a week	40 00
Violin, one half-hour lesson a week	25 00
History of Music, in class	5 00
Harmony, two half-hour lessons, in class	10 00
Use of Piano or Organ, for two hours or less daily practice . . .	5 00
Use of Piano or Organ, for more than two hours and not to exceed four hours	10 00

*Assignment of rooms will be, as far as practicable, in accordance with the date of application.

Each student supplies her table napkins, sheets, pillow-cases, blankets, and bed cover.

The choral class is free to all music students and to all regular college students.

Drawing or painting	\$ 35 00
Oil Painting from life.	50 00

Students in Music and Art, whose bills are not paid twenty days after the first lesson, will be refused further instruction.

FEES ON GRADUATION

For the degree of Bachelor of Arts, of Science, or of Music	\$ 5 00
For the degree of Master of Arts	15 00
If the studies are to be pursued <i>in absentia</i> application must be accompanied by additional registration fee of	10 00

No deduction will be made from the charge for tuition. Students entering within the first four weeks will be charged from the beginning of the semester. No deduction is made for absences during the year, except in case of protracted illness, when deduction of half the board will be allowed, but no deduction for tuition, nor for withdrawal during the last four weeks of a semester.

THE SIMEON BENJAMIN BEQUEST

The income of Mr. Simeon Benjamin's bequest of \$25,000 is devoted to the assistance of students. Applicants for this aid must become members of regular classes, must furnish evidence of ability and of need, and must maintain more than an average rank in scholarship. Requests for further information should be made to the President.

THE RUFUS S. FROST FUND

"To the Trustees of the Elmira College of the city of Elmira, Chemung County, New York: I give and bequeath the sum of \$1,000.00, to be held in trust, the principal to remain forever intact and the interest and income thereof to be donated annually to some member of the graduating class who shall be designated by the Faculty of said college, having regard to deportment, scholarship, and necessities; to aid in purchasing books, and in defraying expenses of the senior year, and of graduation."

ADMISSION

GENERAL CONDITIONS

Examinations for admission will be held at the college at 9 o'clock A. M., June 9; and 9 o'clock A. M., September 17, 1903.

Candidates are advised to present themselves promptly, and are advised to prefer the June examination, so as to have opportunity to make up deficiencies.

For the convenience of those living at a distance from the college, arrangements will be made, when desired, for examinations at or near their homes. In such instances, the President should be notified not later than the first week of June. The necessary arrangements will be made then, and the applicant at once informed of them.

Applications for examinations should be made to the President.

Students are admitted without examination in the following cases :

A—When they bring certificates of the Regents of the University of the State of New York which meet the requirements for admission to college.

Diplomas and sixty count academic certificates issued by the Regents of the University of the State of New York are accepted in place of examinations in all the subjects required for entrance which are covered by such credentials, including, upon the recommendation of the departments concerned, the subjects of French, German, Physics, Chemistry, Botany, Geology, and Zoology. A statement from the teacher giving in detail the work done and the proficiency attained in these subjects, must be submitted by the holder of the credentials.

To secure exemption from the entrance examination in English, the Regent's diploma or sixty count academic certificate must cover first year English, second year English, and *either* third year English or English Reading.

Applications for credit in all subjects for which credit is desired, must be made at the time of the admission of the applicant, and not be postponed to any later date in the course.

Diplomas, certificates, and statements should be sent by mail to the Registrar before the opening of the term.

B—When they bring certificates from approved schools. The work gone over must be specified, and both the text books used, and the date of the examination must be given.

Certificates of work done in public or private schools, in or out of the State, will not be accepted in lieu of examinations, unless the applicant has completed a full course in the school, and has been duly graduated after at least one year in the school, and the college authorities are satisfied regarding the standing of the school.

Admission by certificate is in all cases provisional. If a student fail in any subject in the college that depends upon an entrance subject for which a certificate has been accepted, the credit for that entrance subject may be cancelled. Certificates from schools whose students prove to be imperfectly fitted, will ultimately not be considered.

No school certificate is accepted in place of the entrance examination in English.

C—When they seek advanced standing.

Applicants for a baccalaureate degree coming from other colleges and universities, may be admitted provisionally to such standing and upon such terms as the Faculty may deem equitable in each case, regard being had to the applicant's previous course of study, and to the evidence of proficiency exhibited. Every such candidate for a baccalaureate degree is required, at the time of making her application, to forward to the Registrar, along with a catalogue of the institution in which she has studied, a careful statement, duly certified, of the studies which she has pursued, and of the degree of proficiency attained therein, including her record at the *entrance* examinations and a letter of honorable dismissal. This statement should be made as full as possible, giving details of subjects taken, authors read, and in mathematics, the text books used. To avoid delay in arranging the course, these credentials should be presented at an early day in order that the status of the applicant may be determined as far as feasible before her arrival. Applications for credit in all subjects for which credit is desired, must be made at the time of the admission of the applicant, and not be postponed to any later date in her course.

D—When they may be admitted as special students.

Persons may be admitted as special students provided they give evidence of ability to do creditably that work of the college which they wish, and provided the professor in charge of the department in which they wish to take a large part of their work recommends them to the faculty. It is understood that in the special work for which they enter they may be admitted to college classes subject to the approval of the professor, but that in all other respects their choice of subjects and courses is limited by the same rules that govern electives in courses for academic students in full standing. Resident special students will be requested to elect not less than nine hours a week, the maximum number allowed being the same as for regular students.

ENTRANCE EXAMINATION

Applicants presenting themselves for examination for entrance to the freshman class, whether in the classical or in the scientific course, are expected to be prepared in English, History, Mathematics, Latin, and either Greek, French, or German, as specified below, except that for the student entering the scientific course modification of the entrance requirement in language is allowed under conditions contingent upon special preparation in mathematics or in the sciences. On this point the candidate is referred to the general conditions of admission, (A, p. 26,) and is invited to correspondence with the President.

Entrance requirements are as follows :

ENGLISH

- (a) A knowledge of the essentials of English grammar.
- (b) A command of the rudiments of composition, clear sentence structure, correct spelling, punctuation, capitalization ; and the ability to write a legible page of English script.
- (c) A general knowledge of the subject matter of the books prescribed for reading. These are, for 1903 : Shakespere's Merchant of Venice ; Pope's Iliad, Books I, VI, XXII, and XXIV ; the Sir Roger de Coverley Papers, in the Spectator ; Goldsmith's Vicar of Wakefield ; Coleridge's Ancient Mariner ; Scott's Ivanhoe ; Cooper's Last of the Mohicans ; Tennyson's Princess ; Lowell's Vision of Sir Launfal ; George Eliot's Silas Marner. For 1903, 1904, and 1905 : Shakespere's Merchant of Venice, and Julius Cæsar ; the Sir Roger de Coverley Papers, in the Spectator ; Goldsmith's Vicar of Wakefield ; Coleridge's Ancient Mariner ; Scott's Ivanhoe ; Carlyle's Essay on Burns ; Tennyson's Princess ; Lowell's Vision of Sir Launfal ; George Eliot's Silas Marner.
- (d) A more detailed knowledge of the subject matter of the books prescribed for study, as given below, with some knowledge of the peculiarities of their literary form and of their structure. For 1903, 1904, and 1905 : Shakespere's Macbeth ; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso ; Burke's Speech on Conciliation with America ; Macaulay's Essays on Milton and on Addison.

HISTORY

Greek and Roman History, American or English History. West's Ancient History, Myer's History of Greece as contained in the Eastern Nations and Greece, Allen's Rome, and Montgomery's Leading Facts of American and English History, are named to indicate the amount required.

MATHEMATICS

Metric system. University algebra through quadratic equations. Plane geometry. A recent review of mathematical work is necessary in order to do the work of the college successfully.

LATIN

(a) Grammar. A thorough knowledge of the fundamental rules of syntax is required. The grammars of Allen and Greenough, Gildersleeve-Lodge, and of Harkness, and Bennett, are recommended.

(b) Prose composition. Daniell's Exercises in Latin Composition, or an equivalent

(c) Reading. Cæsar, Gallic War, four books; or Arrowsmith and Wicher, First Latin Readings; Vergil, Æneid, six books; Cicero, seven orations (the Manilian Law counting as two); Ovid, Metamorphoses, two thousand lines, or the translation of easy passages at sight.

In addition to the Latin one other language is required. The second language may be Greek, German, or French.

GREEK

(a) Grammar. A thorough familiarity with the forms and the fundamental rules of syntax is required. The grammars of Hadley and Allen, and Goodwin, are recommended.

(b) Prose composition. The candidate must be able to translate into Greek simple prose based on passages from Xenophon. The text recommended is Collar and Daniell (Exercises I-LXXXV), but an equivalent will be accepted.

(c) Reading. Xenophon, Anabasis or Hellenica, four books; Homer, Iliad or Odyssey, three books. The candidate must be able to translate at sight easy passages from Xenophon or Homer.

GERMAN

(a) Grammar. A thorough knowledge of grammar is indispensable, no amount of reading will be accepted in its place. Grammar of Joynes-Meissner is recommended.

(b) Reading. Joynes, German Reader; Storm, Immensee, Wilhelmine von Hillern, Hoher als die Kirche; Andersen, Bilderbuch ohne Bilder; Schiller, Jungfrau von Orleans; Heyse, La Rabbiata; Goethe, Iphigenie. The candidate is required to translate easy German at sight.

FRENCH

(a) Grammar. Fraser and Squair is recommended.

(b) The candidate will be called upon to translate, into French, connected passages of simple English.

(c) Reading. Halévy, L'Abbé Constantin; Mérimée, Colomba; Daudet, La Belle Nivernaise; George Sand, La Mare au Diable; Michélet, La Prise de la Bastille; Molière, Les Précieuses Ridicules. The candidate is expected to memorize six fables of La Fontaine and three poems of Victor Hugo, and will be called upon to translate at sight easy passages of French prose or verse.

COURSE OF INSTRUCTION, LEADING TO DEGREES

The work of all students of the college is prescribed for the freshman year. It consists of a total of thirty hours of work, fifteen hours being given in each semester, or half-year. A tabular view of the freshman work is given below:*

FRESHMAN YEAR

FIRST SEMESTER

Figures indicate the number of hours a week.

<i>Course for Classical Students</i>		<i>Course for Scientific Students</i>	
Latin	4	Latin	3
Greek	}	French or	}
French or		German	
German		Geometry	4
Geometry	4	English	2
English	2	English Literature	1
English Literature	1	Biblical Literature	1
Biblical Literature	1		

SECOND SEMESTER

Latin	4	Latin	3
Greek	}	French or	}
French or		German	
German		Algebra	4
Algebra	4	English	2
English	2	English Literature	1
English Literature	1	Biblical Literature	1
Biblical Literature	1		

After the freshman year the work is elective, and each student is expected to elect fifteen hours each semester throughout the course. No course is given unless elected by as many as three students. Subjects starred in the catalogue must be carried through the whole year, otherwise those courses will not count toward a degree. The academic instruction afforded by the college will be found to fall under three general groups, and is so arranged in the departmental statement. Group A, Language and Literature; Group B,

* For work on Physical Training, see page 56.

Philosophy and History; Group C, Mathematics and Science. Students who have completed college courses to the extent of one hundred and twenty hours are granted degrees as follows:

- I—When of the one hundred and twenty hours required, as many as sixty hours have been in Group A ; as many as fifteen hours in Group B ; and as many as twenty-five hours in Group C ; the degree of BACHELOR OF ARTS is conferred.
- II—When of the one hundred and twenty hours required, as many as forty-six hours have been in Group A ; as many as ten hours in Group B ; and as many as forty-four hours in Group C ; the degree of BACHELOR OF SCIENCE is conferred.

Students in either Classical or Scientific Courses who show proficiency in their work are granted honors of distinction, as follows : *Summa cum laude, magna cum laude, cum laude.*

The degree of BACHELOR OF MUSIC will be awarded only for graduate work in music of such quality as will meet the approval of the faculty.

The degree of MASTER OF ARTS may be conferred upon a Bachelor of Arts of this or of any other approved college, who has pursued one year's study at the college or two years' study *in absentia*.

Candidates for this degree shall choose, under the direction of the faculty, or with its approval, one major and two minor subjects. An examination on these subjects and the presentation of a thesis giving evidence of independent investigation on the major subject will be required.

Application for assignment of work for this degree should be made before the spring recess of the year preceding the beginning of the work.

COURSES OF INSTRUCTION

BY

DEPARTMENTAL STATEMENT

GROUP A

LANGUAGE AND LITERATURE

ENGLISH LANGUAGE AND LITERATURE

The instruction offered in this department has for its end three distinct though allied results in the student's education: first, ease and energy in English composition; secondly, an historical knowledge of the English language; and thirdly, a general acquaintance with English literature and with the influences which have prescribed its development. These results are sought severally through the courses in rhetoric, in the English language, and in English literature.

RHETORIC

1 DESCRIPTION AND NARRATION—

The work consists of theme writing, daily through part of the year, with conferences for the correction of themes under criticism. In the first semester a close drill on paragraph structure, and on exactness in language, with required themes of description of simple and familiar objects. In the second semester drill on theme structure with special reference to unity, extended themes of description and narration.

Two hours throughout the year, required of freshmen.

2 EXPOSITION—

In the first semester, special attention to explicitness of statement, themes giving practice in expository writing. In the second semester, drill on force and effectiveness in language and on finish in form. Practice in book-reviewing and in editorial writing. Text used is Genung's Working Principles of Rhetoric.

Two hours throughout the year, open to all who have completed 1.

3 ARGUMENTATION—*

The distinct aim of this course is to induce a forcible literary style, by means of placing stress upon an exact and definite relation and order in the ideas the student has to present. Students are advised to elect for their briefs and forensics lines of investigation already pursued with other college courses. In the first semester, three finished briefs and two forensics presented in manuscript. In the second semester, three finished briefs and three forensics, one of each to be presented without notes. Text used is Baker's Principles of Argumentation.

Two hours throughout the year, junior elective, open to seniors.

4 THEORY OF LITERARY CRITICISM—

In the first semester, study of Lewes' Success in Literature, lectures on the essentials of narration, seminary work in analysis of great works of fiction. In the second semester, study of the relation of theme to form, analytic and synthetic.

One hour throughout the year, open to seniors.

5 SEMINARY IN ENGLISH TEACHING—

Examination of publications dealing with ideals and with methods. Seminary reports on the practical questions likely to arise in teaching the grammar, rhetoric, or literature of English in the preparatory schools.

Two hours second semester, elective for seniors.

6 THEORIES OF POETRY—

A study of the nature and true field of poetry, based upon Aristotle, Poetics; Sidney, Defense of Poesie; and Shelley, Defense of Poetry. An investigation of the nature and laws of language rhythm in general, and a special study of their manifestation in the familiar meter and stanza forms of English versification.

One hour throughout the year, elective for seniors, (Alternate with 4 and offered in 1903-4.)

ENGLISH LANGUAGE

1 OLD ENGLISH—

Study of Old English Grammar, readings from selected prose and poetry, before the close of the year Beowulf is studied and the student is introduced to the study of Emerson, History of the English Language. Other texts used are: Cook, First Book on Old English; Sievers-Cook, Grammar of Old English; Wyatt, Beowulf.

Three hours first semester, one hour second semester, elective for juniors and seniors.

2 OLD AND MIDDLE ENGLISH—

An historical study of the English language, Cynewulf, Langland, and Chaucer.

One hour throughout the year, elective after 1.

ENGLISH LITERATURE

The course of English literature, throughout, is expected to aid the cultivation of literary appreciation through the continuous exercise of the critical faculty. The student's private judgment is revised by class criticism and questioning until she reaches for herself some just conclusion upon the work under discussion. It is expected that as the course progresses she will gain the power to make her conclusions less and less partial and imperfect, and that she will finally acquire such literary insight, as well as such well-founded confidence in her own judgment, as will make her an intelligent and an independent critic and appreciator of literature.

1 GENERAL READING COURSE--

Carlyle, Ruskin, Arnold, rapid reading of several of Shakespere's plays.

One hour throughout the year, required of freshmen.

2 HISTORICAL COURSE—

This course is planned to develop the idea of historical continuity and evolution, in the literary works of a people. Typical works of representative authors are used, reference is made to social and literary histories, biographies, and works of criticism.

Two hours throughout the year, elective after 1 and required before the following electives.

3 TENNYSON AND BROWNING—

A critical study of selected poems.

Two hours throughout the year, elective after 2.

4 MILTON—

A seminary course.

One hour first semester, elective after 2.

5 ENGLISH ROMANTICISM—

A seminary and lecture course. Studies in the history of literary criticism with special reference to the period from Dryden to Coleridge.

One hour second semester, elective after 2.

6 SHAKESPERE—

A critical study of the great tragedies with regard to plot, structure, and character drawing; a comparative study of them as representing different stages of artistic development. The aim of the course is to reveal the art of the drama of Shakespere.

Two hours first semester, elective for seniors.

7 COMPARATIVE STUDY OF THE DRAMA—

Lectures upon the evolution of dramatic feeling and form in ancient, mediæval, and modern civilization. Reading of the plays to be discussed, reports from members of the class. Discussions based on principles laid down by Freytag, Technique of the Drama.

Two hours second semester, elective for seniors.

GERMAN LANGUAGE AND LITERATURE

The German Department aims, by means of thorough and accurate work, to make students independent in the use of the language and thus prepared to assimilate the productions of the best German authors. In order to increase the interest, lectures are given in connection with the works read, and in advanced classes historical lectures are given—these being intended as a background for the literature: much importance is attached to the writing of German essays. They are considered a test of the student's ability to make a practical use of the instruction received, and are a part of the examination work. German is the language of the class room. Thus in various ways the student is carried into the realm of German life and becomes familiar with the thought of the German people.

1 BEGINNING GERMAN—*

Grammar, Joynes-Meissner; Hewett, German Reader; Schiller, Wilhelm Tell. Some favorite German poems are committed to memory.

Four hours throughout the year.

2 FIRST READING COURSE—

Grammar continued. Harris, German Prose Composition ; Schiller, Jungfrau von Orleans : Goethe, Iphigenie auf Tauris ; Schiller, Maria Stuart.

Four hours throughout the year, required of freshmen presenting German in scientific course..

3 GERMAN LITERATURE—

Lectures on Schiller and Goethe and their works, and lectures on the Thirty Years War in connection with Wallenstein ; Reading of Lessing, Nathan der Weise ; Schiller, Wallenstein (entire), Kluge, Deutsche Litteratur. Essays required.

Three hours throughout the year, required of freshmen presenting German in classical course.

4 GREAT GERMAN WRITERS—

Goethe, Faust, I Theil ; Chamisso, Peter Schlemihl ; Wichert ; Ein Schritt vom Wege ; Scheffel, Ekkehard ; Heine, Harzreise ; Kluge, Deutsche Litteratur (continued). Essays are required. Buchheim, Prose Composition.

Two hours throughout the year, elective after 3.

5 GREAT GERMAN WRITERS (Continued)—

Schiller, Don Carlos ; Scheffel, Trompeter von Säkkingen ; Freytag, Die verlorene Handschrift ; selections from various authors. Lectures on the rise of Prussia and on the history of Germany. Methods of teaching German. Essays are required. Buchheim, Prose Composition.

Two hours throughout the year, elective after 4.

6 MIDDLE HIGH GERMAN—

Critical study of Das Nibelungenlied and the Poems of Walther von der Vogelweide. Essays, Sight translation.

Two hours throughout the year, elective for seniors.

7 GENERAL READING COURSE—

Selections from modern authors, with much reading outside of class room work. Essays to be written on the work studied. Lectures, as in 6, on the history of Germany, and on the literary life of to-day in Germany.

One hour throughout the year, elective after 5.

8 SCIENTIFIC GERMAN—

One hour second semester, elective after 5.

FRENCH LANGUAGE AND LITERATURE

The courses in this subject extend over four years and have for their aim the giving to the student: (1) an accurate knowledge of the language of the present time both as written and spoken; (2) an appreciation of the more important masterpieces of the literature, proportionate to the knowledge of the language; (3) a knowledge of the historical development of the literature; and (4) an elementary acquaintance with the historical phonology.

The work as above outlined is carried on by means of recitations, the writing of prose and of essays, the hearing of lectures in French, and by collateral readings. Much stress is laid from the beginning upon the ability of the student to express herself directly in the language.

1 ELEMENTARY FRENCH—*

Grammar. Fraser and Squair; Bercy, *Le Français Pratique*. Oral and written exercises. Reading of such easy prose as: Halévy, *L'Abbé Constantin*; De la Brète, *Mon Oncle et Mon Curé*. Memorizing selected fables of La Fontaine.

Four hours throughout the year, elective after the freshman year.

2 CONTINUATION OF COURSE I—

Grammar. Grandgent, *Material for French Composition*. Reading of prose such as: George Sand, *La Petite Fadette* or *La Mare au Diable*; Mérimée, *Colomba*; Daudet, *La Belle Nivernaise*; Molière, *Les Précieuses Ridicules*. Memorizing of selected poems. In this course brief outlines of the history of French literature are also given and some extracts read from celebrated authors.

Four hours throughout the year, required of freshmen presenting French in the scientific course.

3 FRENCH LITERATURE IN THE SEVENTEENTH CENTURY—

A study of the drama and of the miscellaneous literature of the period. Corneille, Racine, Molière, La Fontaine, Pascal, Bossuet, Fénelon, Mme. de Sévigné. One hour a week devoted to composition and sight translation.

Three hours throughout the year, required of classical freshmen.

4 FRENCH LITERATURE IN THE EIGHTEENTH CENTURY—

This course will treat of the time and influence of Voltaire, Montesquieu, Rousseau, the Encyclopedists, Beaumarchais, Le-Sage, Mirabeau.

Two hours throughout the year, elective after 3.

5 FRENCH LITERATURE IN THE NINETEENTH CENTURY—

A study of the principal authors of this period. Victor Hugo as poet, novelist, and dramatist. Chateaubriand, Lamartine, Alfred de Vigny, Alfred de Musset, Théophile Gautier, Dumas, George Sand, Balzac, with a brief survey of contemporary writers.

Two hours throughout the year, elective after 3.

6 LYRIC POETRY OF THE NINETEENTH CENTURY—

In this course the different schools of poetry will be discussed and copious extracts will be read from representative poets such as: Lamartine, Victor Hugo, Alfred de Musset, Alfred de Vigny, Théophile Gautier, LeConte de Lisle, Sully Prudhomme, François Coppée.

Two hours first semester, elective after 4 or 5.

7 THE THEATRE IN THE NINETEENTH CENTURY—

In this course the development of the theatre during the period will be studied in detail. Dramas of such representative authors as Victor Hugo, Scribe, Alexandre Dumas, Augier, Sardou, Meilhac and Halévy, Rostand, will be read and discussed.

Two hours second semester, elective after 4 or 5.

8 INTRODUCTORY STUDIES IN OLD FRENCH—

Translation into Modern French from La Chanson de Roland, Chrétien de Troyes, Aucassin et Nicolette. Gaston Paris, Manuel de la Littérature Française du Moyen Age.

One hour throughout the year, elective after 6 or 7.

ITALIAN LANGUAGE AND LITERATURE

1 ELEMENTARY ITALIAN—*

Italian Grammar, Grandgent. Oral and written exercises.
 Texts : De Amicis, Cuore (I Racconti mensili); Salvatore Farina,
 Il Signor Io ; Goldoni, Il Vero Amico.

Two hours throughout the year, elective for juniors or seniors.

2 LITERATURE OF THE THIRTEENTH AND FOURTEENTH CENTURIES—

Dante, La Divina Commedia ; Petrarch, Rime Scelte ; Boccaccio,
 Novelle Scelte.

Two hours throughout the year, elective for seniors or juniors.

SPANISH LANGUAGE AND LITERATURE

1 ELEMENTARY SPANISH—*

Spanish grammar, Loiseaux ; Worman, First and Second Spanish
 Books ; Ramsey, Text Book of Modern Spanish, and Spanish
 Reader ; Alarcón, El Capitán Veneno, or Galdos, Doña Perfecta.

Two hours throughout the year, elective for juniors or seniors.

2 CLASSICAL COURSE—

Selections from Cervantes, Lope de Vega, and Calderon.

Two hours throughout the year, elective for juniors or seniors.

LATIN LANGUAGE AND LITERATURE

The aim of this department is to enable the student to read Latin with rapidity and accuracy, to form some acquaintance with the chief masterpieces of Roman literature, and to gain a correct appreciation of the relation of classical life and thought to the history and culture of the modern world. The first place, it is held, must always be given to the detailed study of the language, but the work is progressive in character, and increased attention is paid in more

advanced courses to questions of history and literature. In the later study of the language especial reference is had to the needs of prospective teachers.

1 LIVY—

Book XXI, with rapid reading in Book XXII. A prescribed course of reading in the history of Rome during the Punic wars. Prose composition, and systematic review of the leading constructions of syntax.

Four hours first semester, required of classical freshmen.

2 OVID AND HORACE—

Selections from the Elegies and Heroides of Ovid, and from the Odes of Horace. Study of lyric prosody. Lectures on the poetry of the Augustan Age. Prose composition and review of syntax.

Four hours second semester, required of classical freshmen.

3 PLINY AND MARTIAL—

Selections from Pliny's Letters and the Epigrams of Martial. Especial attention will be given in this course to the study of the private life of the Romans as illustrated in the authors read and supplemented by auxiliary reading.

Two hours first semester, elective for sophomores.

4 COURSE IN READING LATIN AT SIGHT—

Selections from Ovid and from Post's Latin at Sight. Practice in translation at hearing and in oral exercises in Latin composition.

One hour first semester, elective for sophomores.

5 ROMAN ELEGY—

Selections from Catullus, Tibullus and Propertius. History of the development of Roman Elegy. Study of ancient Roman life continued and special topics assigned for reports.

Two hours second semester, elective for sophomores.

6 READING AT SIGHT—

Rapid reading of a play of Terence (the Adelphoe). Practice in translation at hearing.

One hour second semester, elective for sophomores.

7 LATIN LITERATURE—

The development of Latin literature is traced by a course of weekly lectures, and these are supplemented by prescribed readings in standard histories of Roman literature and in poetical versions. Short illustrative selections covering the range of the literature are also read. Essays and reports of reading are required.

Two hours first semester, elective for juniors or seniors; also, with the consent of the instructor, for sophomores.

8 TACITUS—

The *Germania* and *Agricola* are read with especial reference to the style and syntax of Tacitus and the history of Rome under the Empire.

Two hours second semester, elective for juniors or seniors. (Omitted in 1903-4.

9 ROMAN COMEDY—

Three selected plays of Plautus and Terence. The treatment is mainly literary, with due attention to metres and ante-classical syntax. The work is supplemented by lectures on Roman comedy, and the preparation of special papers by the class.

Two hours second semester, elective for juniors or seniors.

10 ROMAN TRAGEDY (SIGHT READING)—

Rapid reading of a play of Seneca (the *Medea*). Lectures and prescribed readings upon Roman tragedy.

One hour second semester, elective for juniors and seniors.

11 ROMAN SATIRE—

Selections from the Satires of Juvenal and Horace designed to illustrate various phases of contemporary life and manners. Lectures on the history of Roman Satire. An important feature of the work consists in the preparation of papers by the class dealing with the social life of Rome under the Empire.

Two hours first semester, elective for juniors or seniors. (Omitted in 1903-4.)

12 VERGIL, ÆNEID, BOOKS VII-XII—

The treatment is chiefly literary and historical, with especial reference to the poetic art of Vergil, the myth of Æneas, the history of Roman epic and the development of the Latin hexameter. One or more of the earlier books of the Æneid are reviewed with especial reference to the needs of intending teachers.

Two hours first semester, elective for seniors.

13 TEACHERS COURSE AND ADVANCED COMPOSITION—

Attention is given to methods of preparatory instruction, to the more difficult portions of syntax, hidden quantities, the pronunciation of Latin and the treatment of Latin synonyms. Illustrative and sight-reading in Cæsar or Cicero is taken up and weekly exercises in Latin prose composition are assigned.

Two hours second semester, elective for seniors.

The following course is open to candidates for the degree of B. S. admitted on the minor requirement in Latin :

14 VERGIL—

Books I–VI of the *Æneid*. Attention is given to Latin prosody and mythology, and the leading constructions of syntax are studied with care.

Three hours first and second semester.

GREEK LANGUAGE AND LITERATURE

The courses in this department are designed to give the student a knowledge of the chief phases of Hellenic life as interpreted through the language, literature, and art, of the Greeks, and to develop an understanding and appreciation of the place of their civilization in human history, and of their contribution to the elements of our modern life. Emphasis is laid at first upon the study of the language as the key to the literature, but in the later years of study the distinctively literary side is made more prominent.

I LYSIAS, PLATO, AND HOMER—

Selected orations, *Apology* and *Crito*, selected books of the *Odyssey*. Review of Attic syntax, exercises in composition and translation at sight. Outline study of the history of Greek literature.

Three hours throughout the year, required of freshmen presenting Greek, and open to any student satisfying the entrance requirements in Greek.

2 DEMOSTHENES AND ARISTOPHANES—

The Philippics, and a study of Attic oratory. The Clouds and the Frogs, with a study of Attic comedy.

Two hours throughout the year, elective for those who have completed course 1.

3 THE HISTORIANS AND TRAGEDIANS—

Selections from Herodotus and Thucydides. Sophocles, Antigone; Euripides, Medea or Alcestis.

Two hours throughout the year, elective for those who have completed course 1.

Courses 2 and 3 are given in alternate years. Course 3 will be given in 1903-4.

4 PLATO—

Selected dialogues.

Two hours first semester, elective for seniors or juniors.

5 LYRIC POETS—

Selections from the elegiac, iambic, and melic poets.

Two hours second semester, elective for seniors or juniors.

6 ADVANCED PROSE COMPOSITION—

Study of special topics in Greek syntax. Rapid reading of selections from Xenophon and Homer. This course is arranged with special view to the needs of those who wish to teach Greek.

One or two hours throughout the year, elective for seniors.

7 ELEMENTARY GREEK—*

Greek grammar. Anabasis, Book 1, or other easy selections. Prose composition.

Four hours throughout the year, open to those who elect Greek as a third language.

8 ELEMENTARY GREEK (CONTINUED)—

Selections from Xenophon and the New Testament; Homer. Translation at sight and hearing. Prose composition.

Three hours throughout the year, open to those who elect Greek as a third language.

9 GREEK ARCHÆOLOGY—†

† See p. 50.

BIBLICAL AND ANCIENT LITERATURE

The study of the Bible is assigned a fixed place in the curriculum for freshmen and seniors. The work is conducted from a literary point of view, not from a doctrinal one. The student is required to enter in a note book the results of the lectures, and these note books are subject to inspection by the instructor.

1 BIBLICAL LITERATURE—

A general review of the Scriptures with special attention to the history of the Pentateuch, the encampment at Sinai and the founding of the institutional church; and to the great revolts of Israel from Jehovah, the time of the "great provocation," and the epoch of Jeremiah.

One hour throughout the year, required of freshmen.

2 ADVANCED BIBLICAL LITERATURE—

Hebrew poetry and prophecy. Lectures on prophecy in the light of recent knowledge of the Orient, Babylon, Nineveh, the cuneiform inscriptions. Study of the New Testament as regards its history. Lectures on the manuscripts.

Two hours first semester, elective for seniors.

3 ANCIENT LITERATURE—

This course of lectures gives in outline the origin of literature, with the rise of alphabetic writing. Illustrations are given from the ancient monuments, manuscripts, and tablets. Attention is given to Greek literature and select readings from the most celebrated dramas of Æschylus, Sophocles, and Euripides. Selections are also made from choice Latin hymns, and from Dante, Tasso, and the Spanish Ballads, with class criticisms.

Two hours second semester, elective for seniors.

GROUP B

PHILOSOPHY AND HISTORY

PHILOSOPHY

1 LOGIC—

Creighton, Introductory Logic. This is an elementary course in the forms and laws of reasoned thinking, deductive and inductive. The course includes also a brief study of the nature of thought and the theory of knowledge, to serve as a basis for later philosophical study.

Two hours second semester, elective for sophomores and juniors.

2 PSYCHOLOGY—

Titchener, Outline of Psychology, and Sanford, Experimental Psychology. A study of the elementary mental processes, and their combinations in the complex forms of mental activity. A part of the time is given to experimental work, each student being required to prepare a note book showing the methods and results of this work.

Three hours first semester, elective for seniors and juniors.

3 HISTORY OF PHILOSOPHY—

Rogers, Student's History of Philosophy. This course aims to give a general survey of the history of philosophical thought, ancient and modern. Instruction is given in lectures, supplemented by careful reading of the text-book and selected portions of other standard works.

Three hours first semester, elective for seniors.

4 MODERN PHILOSOPHY—

The aim of this course is to study the systems of certain of the modern philosophers with more thoroughness and detail than the more general course allows. The work includes lectures and selected readings. Members of the class are required to prepare papers on special subjects.

Two hours second semester, elective for seniors.

5 ETHICS—

Seth, Ethical Principles. A study of the principles of morality and the types of ethical theory in their historical development.

Three hours second semester, elective for seniors.

EDUCATION

1 HISTORY OF EDUCATION—

Seeley, History of Education. A study of educational systems and theories. The work comprises recitations, collateral readings, and occasional papers prepared by members of the class.

One hour first semester, elective for seniors and juniors.

2 PEDAGOGY—

White, Art of Teaching and School Management. This course aims to give a comprehensive and practical grasp of the principles and methods of education. It comprises recitations, lectures, and reports on collateral readings.

One hour second semester, elective after Philosophy 2.

ECONOMICS AND SOCIOLOGY

1 POLITICAL ECONOMY—

Walker, Political Economy. The purpose of this course is to furnish a comprehensive view of the leading principles of economics, theoretical and applied.

Three hours first semester, elective for sophomores and juniors.

2 OUTLINES OF SOCIOLOGY—

This course treats of the nature, methods and aims of society as a science, the structural development of social life, history of the development of the socialistic ideas; discussions of the prominent movements of the day.

Two hours second semester, elective for juniors and seniors.

HISTORY

The aim of the work in history is to give a general survey of the history of mediaeval and modern Europe as a foundation for later specialization, and to introduce students to a scholarly method of historical study. The instruction is de-

signed to give broad conceptions of the development and mutual relations of political conditions and institutions in different eras, and to stimulate interest in the investigation of them. The method of instruction includes lectures and recitations based on topical outlines, with papers, reports, and discussions on special topics assigned for individual study.

1 HISTORY OF MEDIAEVAL EUROPE—

This course is an introduction to the general history of Europe, A. D., 300–1300, including the Roman Empire under Diocletian and Constantine; the barbarian invasions; the rise of the new Rome; the shaping and development of the church; the rise and extension of Mohammedanism; the growth of Frankish power and the empire of Charlemagne.

Three hours first semester, elective for juniors.

2 HISTORY OF MEDIAEVAL EUROPE (CONTINUED)—

The rise of the new nations; the feudal system; the conflict between the papacy and the empire; the crusades and their results; the growth of cities; the rise of the universities.

Two hours second semester, elective for juniors.

3 THE RENAISSANCE AND THE REFORMATION—

This course includes the rise of the Humanistic movement; the spread of the Renaissance through Italy, France, England and Germany; the decline of the papacy; the struggle for the balance of power; the rise and progress of the Reformation; the growth of Protestantism and the reaction; the revolt of the Netherlands; the religious wars in France; the Thirty Years' War.

Two hours first semester, elective for seniors.

4 EUROPE SINCE THE SEVENTEENTH CENTURY—

This course includes the expansion of France; French absolutism; the growth of international relations; the rise of Prussia; the Seven Years' War; English expansion; the causes of the French Revolution; the Directory; the Napoleonic empire; the wars to the Congress of Vienna; political changes since 1815.

Two hours second semester, elective for seniors.

5 AMERICAN HISTORY—

This course has particular reference to the needs of those who may become teachers of history, and prominence is given to the consideration of methods of teaching and study.

One hour first semester, elective for seniors.

ART AND ARCHÆOLOGY

1 LECTURES IN ART HISTORY—

This course embraces the principles of æsthetics, with the history of art, ancient, mediæval, and modern. Biographical sketches of the great masters are given with critical study of their best work illustrated by a carefully selected collection of photographs of the most celebrated specimens in architecture, sculpture, and painting.

Four hours second semester, elective for seniors.

2 LECTURES AND STUDIES IN GREEK ARCHÆOLOGY—

No knowledge of Greek is required. The course includes a study of the development of Greek architecture, sculpture, and the minor arts, especially vase-painting.

One hour second semester, elective for seniors and juniors.

GROUP C

MATHEMATICS AND SCIENCE

MATHEMATICS

1 SOLID GEOMETRY—

Four hours first semester, required of freshmen.

2 ALGEBRA—

Four hours second semester, required of freshmen.

3 TRIGONOMETRY—

Plane and spherical.

Four hours first semester, elective for sophomores.

4 ANALYTIC GEOMETRY—

Three hours second semester, elective for sophomores.

5 ANALYTIC GEOMETRY—

Three hours first semester, elective for those who have taken 4.

6 DIFFERENTIAL CALCULUS—*

Two hours first semester, elective.

7 INTEGRAL CALCULUS—

Two hours second semester, elective.

8 THEORY OF EQUATIONS—

Three hours second semester, elective.

ASTRONOMY

1 GENERAL ASTRONOMY—

The course consists of lectures and recitations with work in the observatory and frequent telescopic observations of the heavens. Todd, New Astronomy.

Three hours first semester, elective for seniors.

CHEMISTRY

I GENERAL CHEMISTRY—

A study of the history, occurrence, preparation, and properties of the more important non-metals and their compounds; also a similar study of the more common metals. Lectures, recitations, and laboratory work. Two laboratory periods.† Two class periods.

Four hours first semester, elective after the freshman year.

2 QUALITATIVE ANALYSIS—

This course includes a systematic study of the separation of the metals and the detection of the more important acids. The theory of oxidation and reduction and the writing of characteristic equations are also taken up. Each student is given practice in determining the composition of unknown substances. Lectures, recitations, and laboratory work. Three laboratory periods. One class period.

Four hours second semester, elective after 1.

3 QUANTITATIVE ANALYSIS—

This course includes the gravimetric determination of iron, sulphur trioxid, aluminum, phosphorus pentoxid, lead and magnesium, together with the volumetric determination of iron, calcium and oxalic acid. The student is instructed in the use of the analytical balance and in the preparation and standardization of normal solutions. At the end of the term's work a complete analysis of limestone is made. Lectures, recitations, and laboratory work. Two laboratory periods. One class period.

Three hours first semester, elective after 2.

4 ORGANIC CHEMISTRY—

A study of the typical organic compounds and of the relations between different classes of organic compounds. Lectures and recitations based on Remsen's Organic Chemistry.

Three hours second semester, elective after 1, but students are advised to precede this course by 2 and 3.

5 ADVANCED QUANTITATIVE ANALYSIS—

The work in this course may be varied to suit the purpose and inclination of the student. Agricultural analysis, such as soils, fertilizers, and agricultural products. Select determinations from Sutton's Volumetric Analysis. Analysis of alloys, minerals of copper, zinc, etc.

Elective after 3. Hours to be arranged.

6 FOOD ANALYSIS AND SANITARY CHEMISTRY—

This course consists of laboratory work with collateral reading. Among the subjects taken up are the analysis of milk, butter, baking powders and food stuffs. Sanitary chemical analysis of water. Bacteriological examination of milk and water. The detection of preservatives and coloring matter in milk and foods. The U. S. official methods are used as the basis of all analytical work.

Elective after 3. Hours to be arranged.

7 ORGANIC LABORATORY—

This course is intended to accompany Course 4. The work consists of the synthetical preparation of many of the typical organic compounds, such as alcohol, ether, chloroform, aldehyde, iodoform, etc.

Orndorff's Laboratory Manual is used as the laboratory guide.

Elective under same conditions as 4. Hours to be arranged.

PHYSICS

1 MECHANICS, HEAT, AND SOUND—

This course is intended to give a general outline of the subject and is accompanied by such experiments as best illustrate the fundamental laws of physics. Special attention is paid to the solution of problems. Recitations and lectures.

Two hours first semester, elective after the freshman year.

2 ELECTRICITY, MAGNETISM, LIGHT—

Continuation of course 1. Recitations and lectures.

Two hours second semester.

3 PHYSICAL LABORATORY—

This course comprises quantitative physical measurements in Mechanics, Heat, Sound, Light, Electricity, and Magnetism. It is designed to give the student some knowledge of instruments and of the methods used in experimental work. Laboratory work.†

Two hours first semester, elective, must be preceded by 1 and 2.

† Each laboratory period consists of two and one-half hours.

GEOLOGY

1 GENERAL GEOLOGY—

This course treats of the leading principles of the science, physiological, structural, dynamical, and historical geology. Economic geology. Study of coal, iron, building stone. Lectures, recitations, and field work.

Three hours second semester, elective for juniors or seniors.

2 MINERALOGY—

A study of the more important minerals, illustrated by specimens and accompanied by practice in the determination of minerals. Lectures and laboratory work. Requires Chemistry I.

Two hours second semester, elective for juniors or seniors.

BIOLOGY

The work in the Biological Sciences is intended to give to the student a grasp of broad scientific principles, and to train her in habits of observation, and of individual thought and reasoning. Toward this latter end, the laboratory work is emphasized, and the student is required to make accurate notes, illustrated by drawings of her personal investigations.

The courses are, in so far as possible, arranged to form a complete series.

1 GENERAL BIOLOGY—

Lectures, occasional class exercises, and laboratory work. This course is intended to give the student a general view of biological science and to acquaint her with the beginning of life and its development. Lectures will deal with such subjects as the cell in isolation and combination, the relations of plants and animals, heredity, and effects of environment. The laboratory work will be principally microscopic and intimately connected with the facts discussed in the lectures. It will include the examination of unicellular plants and animals, and of more complex tissues.

Three hours first semester, elective for sophomores or juniors.

2 INVERTEBRATE ZOOLOGY—

Lectures, text-book recitations, and laboratory work. This work will be both systematic and morphological. A study will be made of the great groups of animals from the Protozoa to the Vertebrate. Laboratory work will consist chiefly in the dissection of typical forms.

Three hours first semester, elective for those who have completed 1 or its equivalent.

3 VERTEBRATE ZOOLOGY—

Lectures, text-book recitations, and laboratory work. The great classes of the vertebrates will be studied according to anatomy, classification, and life habits. Laboratory work will consist of an anatomical study of some of the typical forms and of some lessons in classification.

Three hours second semester, elective for those who have completed 1 and 2 or an equivalent.

4 BOTANY—

Lectures, recitations, and laboratory work. This course will include work in structural, physiological, and systematic botany. Laboratory work will treat subjects such as germination, structure of organs, dissections of various plants, and classification. An herbarium of classified specimens will be required, also a carefully kept note book of laboratory work.

Three hours second semester, elective for sophomores or juniors.

5 ENTOMOLOGY—

Lectures and class work. Anatomical study of the insects together with some collecting and classifying

Two hours second semester, elective for those who have completed 1 and 2 or an equivalent.

PHYSIOLOGY

The study of Physiology as taught in the following course is intended to give a practical knowledge of the structure of the human body, and of the functions of its various organs. Special attention is given to hygiene.

1 PHYSIOLOGY—

Text book work is based on Martin's Human Body, Advanced Course; supplemented by the study of charts and the manikin. Anatomical demonstrations of the vertebrate organs are given, and dissections made of lower animals.

Three hours first semester, elective for sophomores and juniors.

GROUP D

PHYSICAL CULTURE AND ELOCUTION

PHYSICAL CULTURE

The gymnasium is equipped for free work and light gymnastics, including work with wands, dumb bells, Indian clubs and chest weights.

A certain amount of systematic physical training is required of every student connected with the college, unless she is physically unable to engage in it. Upon entering the college every student is given a physical examination, with essential measurements, by the Director of Physical Culture. From this examination a card is made out for the student, showing her size and development, and how she compares with the normal standard. Along with these data is given a card indicating how any weakness that may exist is to be remedied, and affording advice in reference to bathing and the general care of the body.

Every student not a senior is required to exercise three half hours a week in the Gymnasium. The exercise occurs in classes. The movements executed are graded to correspond with the strength and advancement of the several divisions, and are carefully chosen from various systems to meet the needs of the student. (Every student, while exercising in the Gymnasium, must wear a gymnasium suit of the pattern prescribed by the director.) The forms of exercise, carefully conducted, prove to be in the highest degree beneficial. Each student is regularly marked and credited in her gymnasium work on the basis of faithfulness and punctuality.

In addition to the exercises in the gymnasium, every effort is made to encourage interest in out door sports and participation in them at proper seasons of the year, while regular exercise in the open air through the whole year is urged upon students as of the very greatest importance. There are two graded courts for tennis, and a basket ball field. The college encourages, and the Director superintends, field-sports of various kinds, including hockey and archery. All gymnastic work is done under supervision, in order to prevent over-exertion on the part of the students.

The Athletic Association is open to all members of the college and is under the direction of the department of Physical Culture.

Requests for omission of gymnastic work on account of ill health should be accompanied by a certificate from the student's family physician, and it should be noted that the reasons upon which the physician's certificate is based are to be given in full. All such requests with the accompanying certificate will be referred to a physician designated by the college.

The general health of the students is remarkably good, scarcely a case of severe illness has been known in the history of the college. For proper care in such slight ailments as may occur an infirmary is provided. It is large and open to the southern sun. It is well fitted with comforts for the sick, and careful nursing is given them without extra charge.

1 FIRST YEAR COURSE—

Floor work, free hand work, marching, running, gymnastic games, drills. Exercises for pose, carriage, and general symmetrical development.

Three half hours required.

2 SECOND YEAR COURSE—

Continuation of the first year course.

Three half hours required.

3 THIRD YEAR COURSE—

Advanced work in line of 1 and 2.

Three half hours required.

4 FENCING—

Two half hours, elective after 2.

5 MEDICAL GYMNASTICS—

A special course prescribed for students who are physically unable to take the work required of other students.

Three half hours.

ELOCUTION

The design of this department is to teach oratory as an art, resting absolutely on the laws of nature; and to give thorough and systematic training in the principles upon which this art is founded. It aims to give a rounded development, to cultivate harmoniously the body, voice, and mind, and to enable the student to analyze, interpret and render with appropriate effect, all kinds of literary composition.

The voice is cultivated to be the natural reporter of the thought in expression. Throughout this course Emerson's *Evolution of Expression* is used as a text book.

1 ELEMENTARY COURSE—

Voice culture, rendering, evolution of expression, articulation, inflection, quality of tone, pitch, force, volume, modulation, power, and abandonment in rendering, elementary gesture.

One hour, elective for all students.

2 SOPHOMORE COURSE—

Voice culture, gesture, rhythm, music, and imagination in rendering, laws of analysis; personality in rendering, scenes from Shakespeare.

One hour, elective for all students who have completed 1.

3 ADVANCED COURSE—

The suggestive period of art, ellipse, magnanimity, obedience, the keystone of purpose.

The perfective laws of art; purity, progressiveness, self-command, foresight, repose, persuasiveness, positiveness. Drill work and criticism upon powers to be perfected in expression. These laws furnish an ideal for the student to realize in her work.

One hour, elective after 1 and 2.

SCHOOL OF MUSIC

A. CAMERON MACKENZIE, D. D., PRESIDENT

GEORGE MORGAN McKNIGHT

Voice and Organ

Conductor of the Choral Class

MARY SELENA BROUGHTON

Piano and Harmony

SARA SHATTUCK VERRILL

Piano

GRACE A. SHAW

Piano

JOHN K. ROOSA

Violin

The School of Music occupies the Gillett Memorial Building, the generous gift of Mr. Solomon Gillett, of Elmira, which affords ample accommodations for practice and instruction.

The purpose of the Music School is to give the best facilities for students who desire to pursue any branch of music, practical or theoretical, and to furnish the best possible opportunities for the study of Piano, Organ, Violin, Voice, and Harmony.

ADMISSION OF STUDENTS

Students may pursue musical studies exclusively without being otherwise connected with the college.

Students connected with the academic department are allowed to choose music as an elective study under conditions governing all other electives. Three hours of music practice are equivalent to one hour of recitation, and may be counted on Group C or Group D, but students working for a degree in the academic department cannot elect music to count as recitation for more than two hours in one semester.

DEGREE

The degree of Bachelor of Music will be awarded only for graduate work of such quality as will meet the approval of the faculty.

DIPLOMA

Students who complete any of the following courses of study can receive the diploma of the department of music.

• While the theory of music is not required, the necessity of some knowledge of harmony for music students is so obvious that all students are advised to devote at least one year to this study, and the music students are also advised to take as many academic courses or studies as possible.

Public and private concerts by the musical faculty and students are given frequently, to enable the latter to hear other works than those they are studying, and to receive the benefit that comes from performances with and before other musicians. Recitals and concerts by famous performers are arranged from time to time, and are open to students of the School of Music.

Advantages are offered to those who wish to become church organists. The course includes not only solo playing, but also instruction in choir accompaniment and direction from teachers of practical experience in those departments.

PIANO

COURSE I—Technical Exercises. Major and Minor Scales. Arpeggios in octaves. Czerny's Op. 489; Kullak's Octave School, Book I; Selections from Heller's Studies.

PIECES—Sonatinas by Clementi, Kuhlman. Easy sonatas by Haydn, Mozart. Songs Without Words by Mendelssohn. Solo pieces by modern composers.

COURSE II—STUDIES—Technical Exercises. Mason's Touch and Technique. Study of Scales. Arpeggios on the triad and chord of the dominant seventh. Kullak's Octave School, Book I. Czerny's Op. 299, two books. Selections from Heller's Studies. Bach's Two-Part Inventions, and Little Preludes.

PIECES—Sonatas by Mozart and Haydn. Beethoven's Rondo in C. Songs Without Words and Caprices by Mendelssohn. Modern pieces by Gade, Jensen, Kirchner, Godard, and others.

COURSE III—STUDIES—Mason's Touch and Technique. Kullak's Octave School, Book II. Czerny's 40 Daily Studies. Cramer's Studies, (Bulow.)

PIECES—Prelude and Fugue in C Minor by Bach. Beethoven's Sonatas Op. 2, No's. I, II, and III. Selections from Weber, Schumann, Chopin, Mendelssohn, Raff, and other composers.

COURSE IV—STUDIES—Cramer's Studies (Bulow). Clementi's Gradus ad Parnassum. Czerny's 40 Daily Studies. Chopin's Studies.

PIECES—Preludes and Fugues by Bach. Sonatas by Beethoven; Concertos by Weber, Mendelssohn, and Beethoven. Difficult work by Chopin, Raff, Schumann, Saint-Saens, Moskowski, Liszt, and others.

ORGAN

COURSE I—Manual studies in two, three and four parts, by Thayer, Lemmens, Guilmant, Ritter and others; beginning of pedal playing, with studies by Thayer, Buck, Rinck; easy pieces by composers of the German, French, and English schools; fundamental principles of registration.

COURSE II—Choral preludes by Bach, Merkel, and others; Buck's studies in pedal phrasing; easy Preludes and Fugues by Bach; moderately difficult pieces by Hesse, Merkel, Wely, Guilmant, Batiste, Smart, and others; transcriptions by Best.

COURSE III—Handel's Concertos; Mendelssohn's second Sonatas; Preludes, Fugues, and Choral Vorspiele by Bach; concert pieces by the best German, French, and English masters; registration and choir accompaniment.

COURSE IV—Preludes, Fugues, and Toccatas by Bach; Merkel's Sonatas; Chromatic Fantasie and Fugue; Rheinberger's Sonatas; difficult concert pieces and transcriptions by Lemmens, Guilmant, Widor, Saint-Saens, Best, Whiting, and Eddy.

HARMONY AND MUSICAL THEORY

In this course will be taught the principles of tone relation and combination, as included in the following divisions: Formations of the scales, major and minor; chromatic and enharmonic intervals; consonances and dissonances; simple triads and their inversions; primary and secondary seventh chords in their original and inverted positions; suspensions; organ point; passing-notes and passing-chords; hidden fifths and octaves; cross relation; closing cadence; chromatically altered chords; modulation.

VOICE

The old Italian or Lamperti method, as taught by William Shakespere, of London, is employed mainly in the formation of the singing voice ; but the best features of other methods are used, according to the needs of the student.

COURSE I—Technical drill ; sight reading ; elementary studies of Sieber, Concone, Marchesi ; simple songs.

COURSE II—Technical drill ; sight reading ; advanced studies of Concone, Garcia, Lutgan, Bonoldi ; songs by the best composers ; simple scenes and arias from operas, cantatas and oratorios.

COURSE III—Technical drill ; sight reading ; studies of Lamperti, Panofka, Mazzoni, Rossini ; songs of Schubert, Schumann, Mendelssohn, Franz ; larger selections from operas and oratorios.

COURSE IV—Technical drill ; sight reading ; difficult concerted pieces ; songs by various composers, classic and modern.

THE MENDELSSOHN CLUB

The Mendelssohn Club, conducted by the Director of the Music School, meets once each week. Attendance of members is required, and no one will be excused except for reasons that would avail in regular recitations. All students joining the choral class will be required to take part in the recitals.

TERMS OF EACH SEMESTER

PAYABLE IN ADVANCE

Piano, three half-hour lessons a week	\$50 00
Piano, two half-hour lessons a week	35 00
Piano, two half-hour lessons a week (Primary).	17 00
Organ, two half-hour lessons a week	40 00
Organ, one half-hour lesson a week	25 00
Vocal Culture, three half-hour lessons a week.	60 00
Vocal Culture, two half-hour lessons a week.	40 00
Vocal Culture, one half-hour lesson a week	25 00
Harmony, two half-hour lessons, in class	10 00
History of Music, in class	5 00
Use of Piano or Organ for two hours or less of daily practice . . .	5 00
Use of Piano or Organ for more than two hours and not to exceed four hours of daily practice	10 00

The Choral Class is free to all music students and to all students in the regular college course.

ART SCHOOL

GEORGE W. WATERS, *Director of Art School*

MABEL WATERS, *Instructor in Art*

- The aim of the Art School is to give practical and theoretical instruction in drawing, painting, design, and decoration. The art studios occupy the upper floor of the main building. They are well arranged and are furnished with models and casts adapted for the study of art.

COURSE OF STUDY

COURSE I—Drawing in black and white. Water color painting from geometrical and ornamental designs.

COURSE II—Drawing from casts (antique and ornamental). Drawings from models of parts of the human figure.

COURSE III—Antique. Drawing from full length statue. Still life painting in oil and water colors.

COURSE IV—Drawing and painting from the draped model, life. Landscape sketching.

Classes for outdoor sketching and modeling in clay will be formed as required. Other courses will be given to those who desire advanced work.

EXPENSES FOR EACH SEMESTER

Drawing or Painting	\$35 00
Oil Painting from Life	50 00

STUDENTS

SENIOR CLASS

Allen, Matilda Clark.....	Marion, Mass.
Birchard, Jane Maude.....	Elmira.
Bradley, Grace McKenzie.....	Wyoming.
Brown, Ruey Ellen.....	Bradford, Pa.
Brown, Susan Whitney.....	Bradford, Pa.
Dexter, Emily Lenore.....	Elmira.
Doane, Alice Maynard.....	Elmira.
Dockstader, Bernice Annette.....	Elmira.
Downes, Helen Blanche	Van Etten.
Englebreck, Helen Gertrude	Elmira.
Hibbard, Alice Maude	Horseheads.
Long, Bertha Louise.....	Elmira.
Marshall, Hannah Rose	Horseheads.
Olmstead, Grace Lucille	Elmira.
Owen, Maizie.....	Elmira.
Ross, Margaret Jessie.....	Waverly.
Smith, Edith Mae.....	Elmira.
Swan, Bertha Elizabeth.....	Elmira.
Swan, Mabel Donna.....	Elmira.
Swartz, Myrtle A.....	Hallstead, Pa.
Wallace, Della Fannie.....	Elmira.
Waters, Grace.....	Elmira.
Whitaker, Jessie Louise.....	Waverly.

JUNIOR CLASS

Ackley, Mabel.....	Elmira.
Allen, Genieve Marie.....	Owego.
Amick, Marion.....	Cumberland, Md.
Bandfield, Clara Marie.....	Van Etten.
Bodle, Elizabeth Hoag	Owego.
Clinton, Edith Kate.....	Elmira.
Davis, Daisy Jessie.....	Elmira.
Drake, Mary Elizabeth.....	Elmira.
French, Ernestine Hoyt.....	Elmira.
Gilbert, Edith Lucy.....	Elmira.
Gilbert, Grace Winifred.....	Elmira.
Hancock, Mary.....	Cheshire, Mass.
Hanson, Edna Jane.....	Horseheads.
Hinkley, Mary.....	Poughkeepsie.
Ingraham, Nelle Seney.....	Elmira.

King, Marion Elizabeth.....	Constantia.
Lewis, Mabel Dana.....	Tunkhannock, Pa.
MacKenzie, Christina E.....	Elmira.
Montgomery, Florence.....	Dryden.
Morse, Nellie	Elmira.
Moss, Bertha	Elmira.
Nafe, Julia May.....	Elmira.
Preston, Nina M.....	Attica.
Sayre, Catharine.....	Horseheads.
Seeley, Grace	Spencer.
Wixon, Helen Amanda.....	Elmira.
Young, Sara Louise	Wellsboro, Pa.

SOPHOMORE CLASS

Bartholomew, Helen.....	Elmira.
Blades, Florence Elizabeth.....	Elmira.
Clark, Mabel Louise.....	Avon.
Cleveland, Anna May.....	Elmira.
Diven, Eugenia Lee.....	Elmira.
Goodhart, Martha Gregg.....	Lewistown, Pa.
Gray, Elva Bessie.....	Elmira.
Green, Lucy LaFayette.....	Westfield, N. J.
Griffin, Annah Louise.....	Big Flats.
Hilton, May Atwood.....	Waverly.
Howe, Daisy Abigail... ..	Gardner, Mass.
Long, Adda McDaniels	Mechanicsburg, Pa.
Metzger, Mary Woodward.....	Elmira.
Rockwell, Rena.....	Elmira.
Seely, Gertrude Daphne ..	Osceola, Pa.
Sheeley, Ethel A.....	Liberty.
Spring, Edna E.....	Elmira.
Thurston, Laura.....	Chestertown.
Wheeler, Ethel May	Haverstraw.

FRESHMAN CLASS

Adriance, Linnette Angevine.....	Elmira.
Allen, Helen.....	Elmira.
Barnes, Florence Spencer.....	Watkins.
Bates, Sylvia Chatfield.....	Schenectady.
Bennett, Bernice	Howard.
Bernkopf, Beatrice M	Wellsboro, Pa.
Bradford, Isabella J... ..	Columbus, O.
Burt, Grace.....	Elmira.
Calkins, Stella Carrie....	Elmira.
Cameron, Charlotte Isabelle. .	Buffalo.
Carr, Jane Louise.....	Elmira.
Cox, Marguerite Ellen.....	Cleveland, O.
Daniels, Jennie Catharine.....	Sherburne.
Ganung, Nina M.	Moreland.
Goodrich, Mary Emily... ..	Elmira.
Goss, Genevieve Iola.. ..	Milwaukee, Wis.
Hager, Margaret Amelia.....	Elmira.
Hubbell, Fanny Beatrice.....	Elmira.

Hubbell, Helen Louise.....	Elmira.
Hulburt, Ethel O.....	Brasher Falls.
Isham, Maud.....	Avon.
Lattin, Pearl A.....	Elmira.
MacKay, Norma A.....	Addison.
Maxwell, Effie P.....	Oshkosh, Wis.
Milliman, Jennie Beatrice.....	Alden.
Perry, Mabelle Florence.....	Dundee.
Peters, Augusta F.....	Attica.
Rice, Bessie Sutherland.....	Elmira.
Sanders, Dora M.....	Elmira.
Seaver, Edith F.....	Wyoming.
Spaulding, Helen.....	Elmira.
Stephenson, May.....	Elmira.
Stewart, Adelaide.....	Silver Creek.
Termansen, Clara Adeline.....	Stony Point.
Wheeler, Ursula Anna.....	Hancock.
Wise, Henrietta Caroline.....	Auburn.
Yates, Fanny.....	Elmira.

SPECIAL STUDENTS

Amick, Vera Ray.....	Cumberland, Md.
Beekman, Josephine.....	Dundee.
Brown, Sibyl Josephine.....	Hammondsport.
Delavan, Bertha N.....	Owego.
Dunn, Florence May.....	Middleburg
Flanagan, Teresa.....	Elmira.
Fink, Helen Miller.....	Burdette.
Horton, Leila Palmer.....	Plainfield, N. J.
Landrus, Bessie Dorothea.....	Wellsboro, Pa.
McPherson, Helen.....	Sherburne.
Metcalf, Eleanor Benedict.....	Tunkhannock, Pa.
Newton, Lois Bigelow.....	Sherburne.
Riggs, Elizabeth.....	Elmira.
Shaw, Grace.....	Elmira.
Sixby, Grace.....	Horseheads.
Wyckoff, Florence.....	Elmira.
Young, Gertrude.....	Cuba.

MUSIC SPECIALS

Allen, Matilda Clark.....	Marion, Mass.
Amick, Marion.....	Cumberland, Md.
Bacon, Lucy.....	Elmira.
Baker, Edna.....	Elmira.
Baldwin, Florence.....	Elmira.
Barnes, Theodore G.....	Elmira.
Barron, Mrs. William D.....	Elmira.
Beck, Edna.....	Elmira.
Beck, Lillian.....	Elmira.
Beekman, Josephine P.....	Dundee.
Benson, Teresa.....	Elmira.
Bernstein, Mary.....	Elmira.
Bernstein, Pearl.....	Elmira.

Blood, Mary,.....	Waverly.
Brophy, Claire.....	Elmira.
Brown, Harryet.....	New Berlin.
Buckley, Gertrude.....	Elmira.
Burt, Anna.....	Elmira.
Burt, Mary Louise.....	Elmira.
Chamberlain, Elizabeth M.....	Elmira.
Clark, Maude.....	Elmira.
Cole, Mrs. W. W.	Elmira.
Collins, Elsie.....	Elmira.
Connelly, Catherine	Elmira.
Cotton, Rosa	Elmira.
Cox, Marguerite Ellen.....	Cleveland, O.
Crocker, Mrs. E. B.	Elmira.
Curtis, Lulu.....	Hornellsville.
Daggett, Mabel.....	Elmira.
Daniels, Jennie Catherine.....	Sherburne.
Drake, Lucia.....	Elmira.
Dunn, Florence Mae	Middleburg.
Eisenheart, Carrie Leonora.....	Horseheads.
Fink, Helen Miller	Burdette.
Fowler, Carrie	Elmira.
Furey, Ella.....	Elmira.
Gleckler, Myrtle	Elmira.
Goss, Genevieve Iola.....	Milwaukee, Wis.
Gulick, Stella.....	Elmira.
Harding, Bertha.....	Elmira.
Hassett, Mrs. J. J.....	Elmira.
Hemingway, Laura	Elmira.
Hilton, May Atwood.....	Waverly.
Hislop, Grace.....	Elmira.
Hisserich, Norma	Elmira.
Hitchcock, Susan	Elmira.
Holt, Ethel.....	Sayre, Pa.
Horton, Leila Palmer	Plainfield, N. J.
Hughes, Nina E	Lawrenceville, Pa.
Jones, Lillian	Sayre, Pa.
Jones, Lillian	Elmira.
Jones, Mildred	Elmira.
Keck, Emily	Elmira.
Landrus, Bessie Dorothea.....	Wellsboro, Pa.
Lewis, Edna.....	Elmira.
Longwell, Anna D.....	Bath.
Lowe, Mrs. Amelia	Elmira.
Lowman, Mae A	Elmira.
Lyon, Mary	Waverly.
MacCarrick, M. Louise.....	Elmira.
MacKenzie, Christina E.....	Elmira.
Marsh, Mrs. H.	Westfield, Pa.
Mason, Elizabeth.....	Elmira.
Mattison, Maud.....	Hartford, Conn.
Maxwell, Effie P.	Oshkosh, Wis.

McCarthy, Sarah.....	Elmira.
Metzger, Blanche....	Elmira.
Miller, Christina....	Elmira.
Miller, Fanny.....	Elmira.
Morse, Ella Ray....	Elmira.
Munsell, Lydia.....	Elmira.
Newton, Lois B.....	Sherburne.
Oliver, Laura.....	Elmira.
Ostrander, Iva Harriette.....	Painted Post.
Ott, Miriam.....	Sayre, Pa.
Reid, Blanche.....	Elmira.
Rice, Jennie.....	Wellsville.
Rickey, Isabelle....	Horseheads.
Riggs, Elizabeth Marguerite.....	Elmira.
Robinson, Emma DeVoe.....	Elmira.
Rogers, Grace....	Elmira.
Roosa, Mrs. John King.....	Elmira.
Saunders, Fanella....	Hornellsvile.
Slocum, Beatrice.....	Elmira.
Tobey, Alta.....	Elmira.
Tompkins, Marjorie....	Elmira.
Updyke, Mabel.....	Elmira.
Van Nort, Vannetta.....	Elmira.
Wagner, Helena.....	Elmira.
Walker, Maud.....	Elmira.
Warner, Vera Soule.....	Elmira.
Whitman, Grace M.....	Elmira.
Wixon, Carolyn.....	Elmira.
Yates, Fanny.....	Elmira.
Zimmerman, Josephine.....	Elmira.

SUMMARY

Senior Class.....	23
Junior Class.....	27
Sophomore Class.....	19
Freshman Class.....	37
Special Students.....	17
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Total in College.....	123
Music Students.....	95
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218	
Names repeated.....	16
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Total Number of Students.....	199

SCHEDULE OF APPOINTMENTS FOR 1903-4.

MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
Latin (3) and (5) Greek (4) and (5) Italian (1) Biblical Literature (1) Philosophy (3) and (4) Geology Chemistry (4)	Greek (2) or (3) German (2) French (2) Mathematics (1) and (2) Astronomy Mineralogy	Latin (4) and (6) German (2) French (2) Philosophy (3) and (4) Mathematics (1) and (2) Geology	Latin (3) and (5) Greek (4) and (5) German (2) French (2) Philosophy (3) Mathematics (1) and (2) Geology	Greek (2) or (3) German (2) French (2) Mathematics (1) and (2) Astronomy Mineralogy
Latin (14) Greek (1) German (3) French (3) English (3) Mathematics (3) and (4) Biology (5)	Latin (12) and (13) Italian (2) English (1) English Literature (4) & (5) Sociology Mathematics (3) and (4)	Latin (14) Greek (1) German (3) French (3) Old English (1) Philosophy (1) Mathematics (3) Chemistry (3)	Latin (12) and (13) Italian (1) English (1) and (3) Mathematics (3) and (4) Biology (5)	Latin (14) Greek (1) German (3) French (3) Old English (1) Philosophy (1) Sociology Physiology
German (4) French (4) Art History History (1) and (2) Biology (2) and (3)	Latin (10) German (5) French (5) English (4) and (6) Physiology Biology (4)	Spanish (1) English Literature (1) & (2) Art History History (1) and (2)	German (4) French (4) Art History History (1) Biology (2) and (3)	German (5) French (5) English Literature (2) Art History History (5)
Latin (7) & (9) or (11) & (8) Greek (7) German (1) French (1) English (5) Old English (1) Mathematics (1) and (2) Political Economy	Greek (7) German (1) French (1) Old English (2) Philosophy (2) and (5) Mathematics (1) and (2) Biology (1)	Greek (7) Philosophy (2) and (5) Political Economy Mathematics (1) and (2) Biology (4)	Latin (7) & (9) or (11) & (8) Greek (7) German (1) French (1) English (5) History of Education Political Economy	Greek (6) German (1) French (1) Philosophy (2) and (5) Mathematics (1) and (2) Biology (1)
Latin (1) and (2) Spanish (1) English Literature (3) Pedagogy Physics (1) and (2)	Latin (1) and (2) Greek (8) Spanish (2) English Literature (6) & (7) Mathematics (6) and (7) Chemistry (1) and (2)	Latin (1) and (2) Biblical Literature (2) & (3) German (8)	Latin (1) and (2) Greek (8) English Literature (3) Biblical Literature (2) & (3) Physics (1) and (2)	Greek (8) Spanish (2) English Literature (6) & (7) Mathematics (6) and (7) Chemistry (1)
German (6) French (6) and (7) Greek Archaeology Mathematics (5) and (8) Chemistry (1, 2) and (3) Gymnasium	English (2) History (3) and (4) Mathematics (5) and (8) Physics (3) Biology (2) and (3)	German (7) French (8) Chemistry (1, 2) and (3) Physiology Gymnasium	German (6) French (6) and (7) Physics (3) Biology (1) and (4) Gymnasium	English (2) Italian (2) History (3) and (4) Mathematics (5) and (8) Chemistry (3)

CATALOGUE

ELMIRA COLLEGE



FORTY-NINTH YEAR

1903-1904

ELMIRA, N. Y. :
ADVERTISER ASSOCIATION, PRINTERS.
1904.

CORRESPONDENCE

Requests for the annual catalogue and inquiries relating to expense and to the engagement of rooms should be addressed to the REGISTRAR.

Inquiries concerning conditions of entrance, whether by examination or certificate, and correspondence bearing upon the general interests of the college, or upon any of its departments, should be addressed to the PRESIDENT.

Communications in reference to details of instruction in the college, and to the health and welfare of students should be addressed to the DEAN.

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COLLEGE CALENDAR

1904

College Exercises begin Wednesday, January 6, 9 a. m.

Day of Prayer for Colleges, Thursday, January 28.

Second Semester begins Monday, February 1, 9 a. m.

Founders' Day, Saturday, March 5.

Spring Recess begins Friday morning, March 25.

College Exercises begin Wednesday, April 6, 8 a. m.

Forty-ninth Commencement, Wednesday, June 8.

College opens September 21.

Registration and Examination for students, Thursday, September 22,
9 to 11 a. m.

College Exercises begin Friday, September 23, 9 a. m.

Thanksgiving Day, Thursday, November 24.

Thanksgiving occurs so near to the Christmas recess that
only the day will be observed as a holiday.

Winter Holidays begin Thursday Morning, December 22.

1905

College Exercises begin Wednesday, January 11, 8 a. m.

Day of Prayer for Colleges, Thursday, January 26.

Second Semester begins Monday, February 6, 8 a. m.

Founders' Day, Saturday, March 4.

Spring Recess begins Friday morning, March 31.

College Exercises begin Wednesday, April 12, 8 a. m.

Fiftieth Commencement, Wednesday, June 14.

1904.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1904.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1905.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Jan.	3	4	5	6	7	8	9	July	3	4	5	6	7	8	9	Jan.	1	2	3	4	5	6	7
	10	11	12	13	14	15	16		10	11	12	13	14	15	16		8	9	10	11	12	13	14
	17	18	19	20	21	22	23		17	18	19	20	21	22	23		15	16	17	18	19	20	21
	24	25	26	27	28	29	30		24	25	26	27	28	29	30		22	23	24	25	26	27	28
	31								31								29	30	31				
Feb.	1	2	3	4	5	6		Aug.	1	2	3	4	5	6		Feb.	5	6	7	8	9	10	11
	7	8	9	10	11	12	13		7	8	9	10	11	12	13		12	13	14	15	16	17	18
	14	15	16	17	18	19	20		14	15	16	17	18	19	20		19	20	21	22	23	24	25
	21	22	23	24	25	26	27		21	22	23	24	25	26	27		26	27	28				
	28	29							28	29	30	31					Mar.			1	2	3	4
Mar.	6	7	8	9	10	11	12	Sept.	4	5	6	7	8	9	10		5	6	7	8	9	10	11
	13	14	15	16	17	18	19		11	12	13	14	15	16	17		12	13	14	15	16	17	18
	20	21	22	23	24	25	26		18	19	20	21	22	23	24		19	20	21	22	23	24	25
	27	28	29	30	31				25	26	27	28	29	30	1		26	27	28	29	30	31	..
Apr.	3	4	5	6	7	8	9	Oct.	2	3	4	5	6	7	8	Apr.	2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29		23	24	25	26	27	28	29
May	1	2	3	4	5	6	7	Nov.	30	31						May	30						
	8	9	10	11	12	13	14		6	7	8	9	10	11	12		1	2	3	4	5	6	
	15	16	17	18	19	20	21		13	14	15	16	17	18	19		7	8	9	10	11	12	13
	22	23	24	25	26	27	28		20	21	22	23	24	25	26		14	15	16	17	18	19	20
	29	30	31						27	28	29	30					21	22	23	24	25	26	27
June	5	6	7	8	9	10	11	Dec.	27	28	29	30				June	28	29	30	31			
	12	13	14	15	16	17	18		4	5	6	7	8	9	10		4	5	6	7	8	9	10
	19	20	21	22	23	24	25		11	12	13	14	15	16	17		11	12	13	14	15	16	17
	26	27	28	29	30				18	19	20	21	22	23	24		18	19	20	21	22	23	24
		25	26	27	28	29	30	31		25	26	27	28	29	30	..

BOARD OF TRUSTEES

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M. ANSTICE HARRIS, PH.D. Dean
JOSEPHINE CLARK. Registrar

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Professor of Christian Evidences and Art Criticism
President Emeritus

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Professor of Astronomy

CORNELIA PORTER DWIGHT, M.A.
Professor of Mathematics

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Professor of Greek and of History

MARJORIE LINCOLN ALLEN.
Hygiene, Elocution and Physical Culture

ROBERT SOMERVILLE RADFORD, PH.D.
Professor of Latin Language and Literature

M. ANSTICE HARRIS, PH.D.
Professor of English Language and Literature
Dean of College

¹Academic faculty arranged in order of appointment.

VIDA F. MOORE, PH.D.
Professor of Philosophy and Ethics

MARY ELIZABETH HIGHET, PH.D.
Professor of German Language and Literature

GEORGE MORGAN McKNIGHT
Director of Music School
Vocal Culture and Organ

MARY SELENA BROUGHTON
Piano and Harmony

SARAH SHATTUCK VERRILL
Piano

GRACE A. SHAW
Piano

GERTRUDE F. GUION
Voice and Solfeggi

LOUIS J. BOSTELMANN
Violin

CLARA W. COWLES
Instructor of Art

CORNELIA PORTER DWIGHT
Secretary of Faculty

NORMA A. MacKAY
Librarian

DARIUS REYNOLDS FORD, D.D.
Curator of Museum

OTHER OFFICERS

CHARLOTTE M. JONES
Matron

THOMAS BARNES
Steward

HISTORY

The founding of Elmira College marked the commencement of a new era in the higher education of women. The quarter of a century immediately preceding had witnessed noble and successful efforts in establishing seminaries, some of which were of great excellence and of high grade. These mainly depended upon the personality of their proprietors, chiefly women, whose high character and executive skill gave them deserved success. It was, however, impossible to transfer to successors the personal influence, the affection of pupils, and the educational skill which gained the well-earned reputation of the founders, who in many instances, after a period of successful labor, retired with a fair competence, leaving the seminary as a new business enterprise to some one else. There was no accumulation of educational forces, no conservation of what had been gained, no expectation of permanence and increased value.

The success of the seminaries, limited as it necessarily was, led thoughtful men to argue that permanent institutions were needed which might center the accumulated interest of successive years, and establish it as an element of wider success, such as existed in the colleges long since endowed for the education of men.

It was also believed that the associated college life, with its varied friendships, its class feeling, its society intimacies, and its loyal love for Alma Mater, might be of very great value in the education of women. It was believed to be possible to furnish an almost ideal home life in a well regulated Christian college for women, which might be and ought to be a constant training in self-control, spontaneous kindness, and mutual helpfulness; not by compulsory drill, but by feeling that it is perfectly safe to trust and love each other. So that college life might be the best preparation for a future home life, for Christian social life, and also be a superior professional preparation for teachers.

Such was, in general principles, the ideal before the minds of those who resolved to take the next step upward, from the highest and best seminaries, to a true college for women.

In the year 1851 a number of distinguished ministers and laymen, under the inspiration and leadership of the Rev. Samuel Robbins Brown, met in Albany to consider the matter of establishing a real college for women, in advance of the best female seminaries and designed to furnish a much higher systematic education by a college faculty, with a permanent organization into special departments, and with endowments which should secure a continued and increasing growth, as well as a permanent place and honorable rank among the valuable and distinguished institutions of the country. Dr. Wyckoff, Hon. Amos Dean, and Hon. Luther Tucker of Albany, Dr. Beaman of Troy, Dr. Mandeville of Hamilton College, Dr. Hickok of Auburn, Dr. Hogarth and Prof. Boyd of Geneva, Dr. Kendrick of Rochester, and other prominent educators, gave the enterprise their hearty approval and co-operation. After careful consideration, it was resolved to establish a college for women somewhere in the state of New York. In the following year, 1852, a charter was obtained locating the institution at Auburn, with the title Auburn Female University, with an able board of trustees from all parts of the state representing the various Christian denominations. A financial secretary was put into the field to gather subscriptions and to enlist the Christian public in this new institution. The secretary was the Rev. Harvey A. Sackett.

No account of the early days of the college can be compiled without calling special attention to the name of one conspicuous worker in the cause of the higher education of women. The Rev. Samuel Robbins Brown, of an ancestry eminent in educational work, after his graduation from Yale in 1832, gave a long life to the uplifting of mankind and became well known as a great pioneer educator and organizer in China and Japan. In the initiatory movement toward organizing a college for women he was one of the most efficient

workers. He was chairman of its first executive committee and was active in securing a site for the college as well as in obtaining funds for its founding. He with Dr. Boyd of Geneva, and Dr. Kendrick of Rochester, determined upon the course of study to be pursued, a course at that time the most advanced ever offered to woman by any institution.

The practical problems of the founders of this pioneer college were often serious, great difficulty was encountered in raising funds. The new era of great donations had not yet come. With an encouraging prospect of pecuniary help from Elmira, the question of location was reconsidered and the proposed institution transferred from Auburn to Elmira in 1853, and chartered in 1855 as the Elmira Female College. Mr. Simeon Benjamin, an elder in the First Presbyterian Church, became warmly interested in the enterprise. He became chairman of the board of trustees and also treasurer of the college, and by his able financial management, generous advances, and gifts of much needed funds at critical times, he gained for the college its secure though moderate pecuniary success.

Believing that a liberal initial equipment was a necessity, the college authorities determined to secure it. In consequence of this policy the college had been opened with a debt of nearly forty thousand dollars, more than half of which was owed to Mr. Simeon Benjamin, and a considerable part of the remainder to his personal friends in New York and on Long Island. After a few years Mr. Benjamin released the college from twenty-five thousand dollars of its obligation on condition that the college be placed under the synod of Geneva, with the provision that the evangelical denominations should always be represented upon the board.

The donations and legacy of Mr. Benjamin, through the first ten years of the college history, amounted to the sum of \$80,000. During this period the college also received from the legislature \$35,000, from the Maxwell brothers, Geneva, \$10,000, and later from the Marquand estate \$25,000, and from subscriptions at various times \$100,000, making a total

of \$250,000, in the years preceding the present administration, besides the gift of the Gillett Memorial Hall, by bequest of Solomon L. Gillett. But this all came so slowly that the college soon labored under great difficulty in putting itself in favorable comparison with the colleges for women which after a few years began to appear in the eastern states, and which were either endowed heavily, or supported by large annual gifts.

It has, perhaps, proved not altogether unfortunate that through its history Elmira College has been compelled by comparatively limited means, as well as by conscientious principle, to offer excellence of instruction and the best possible training of the personal character of students as its most important attractions, so that while waiting anxiously for donations and legacies it might become more and more clear that the college was unquestionably worthy of them and would surely make the best possible use of them.

The college was opened under the presidency of the Rev. Augustus W. Cowles, D.D.; LL.D., a graduate of Union College in the class of 1841, and of Union Theological Seminary in 1846. There were associated with him seven professors and it was his earnest endeavor to sustain by their aid a good standard in college requirements. In fact it is a matter of tradition dating from these earliest days of the pioneer leaders, that in standards of scholarship Elmira has always taken a firm position. In 1857 the freshman class pursued the following required studies, at that time the most advanced course of required study in any institution for women, classes usually reciting four or five lessons each week: Cicero's orations, Kuhner's Greek grammar, Davies's university algebra, descriptive astronomy, critical reading of English poets, outlines of ecclesiastical history, botany, Mrs. Somerville's physical geography, philosophy of history, and a Sunday lesson in Nichols' "Helps to Bible Study."

In the sophomore class: Latin and Greek were continued; geometry, plane, solid, and spherical, was completed; po-

litical economy, civil government, rhetoric, and natural philosophy were studied.

The junior class studied trigonometry, chemistry, the French and German languages, with English literature, Kame's criticism, logic, geology, and mineralogy.

The senior class (with no electives) continued the French and German languages and English literature through the year, also studied conic sections and mathematical astronomy, mental science, application of science to useful arts, moral philosophy, Paley's Natural Theology, Butler's Analogy, with a Sunday lesson in Gregory's Evidences of Christianity. This course of study was designed by experienced college men as one fully equivalent to the regular four years' course of study at that time required in the best colleges for men. The less amount of Latin and Greek was believed to be fully compensated by an extensive and thorough study of the modern languages, a study which was not required at that time by any other college in the state, and by extended courses in English literature and in history, ethics, and Christian evidences. If Elmira could have been supplied with students well prepared for the freshman class, the course of study above described could have been made the ideal course for women at that time.

The difficulty of the students' inadequate preparation for college work made it advisable for the college to control a preparatory school, and it early founded and for many years maintained an academy in connection with the college. As the improved public schools relieved the necessity for this adjunct, it was abandoned, and the energies of the executive body were directed wholly to the widening of the curriculum and to the increase of equipment.

In 1889, after thirty-five years of service, Dr. Cowles retired from the active work of the presidency, to continue, as a professor of Biblical literature and of æsthetics, his service to the institution and his association with Dr. Ford, the friend who stands second only to him in the length of his connection with the college. In the early years of the college

Dr. Cowles very fortunately associated with himself the Rev. Darius R. Ford, D.D., as professor of the natural sciences, and since 1863 Dr. Ford has been intimately connected with college affairs and upon him has depended in no small part the success and prosperity of the management. Through his influence and enthusiasm the collections for the museum already begun by his predecessor, Professor Charles S. Farrar, as early as 1857, were greatly enlarged, and so classified and arranged as to be made available for use by college classes. These collections, of which the college is justly proud, are now placed in the museum and remain a monument to the effort and self-sacrifice which they have cost.

It is due to the large-hearted and far-sighted men who had the wisdom to plan and the courage to lay such broad foundations of college life for women, that Elmira College has stood consistently for ideals of fearlessness and earnestness and for reverence for the highest things of life, and that though among women's colleges it is the oldest, it has remained progressive in spirit through all its history.

When Dr. Cowles retired from the presidency the difficult problem of finding an able successor had to be faced, and the best efforts of the trustees resulted only in several brief administrations. The Rev. Wilson Phraner, D.D., entering hopefully upon his office in the autumn of 1889, was forced after a few months to retire because of failure of health. The Rev. C. Van Norden, D.D., who followed President Phraner, was soon in turn succeeded by the Rev. Rufus S. Green, D.D., a man of social gifts, who in his brief administration from 1893 to 1895, endeared himself to the students of the college and to the people of Elmira, and added to the financial resources of the college.

Feeling the embarrassment of the frequent change of administrative policy, the friends of the college, upon the retirement of President Green, would consent to no appointment not likely to be permanently satisfactory. Dr. Cowles, notwithstanding his increasing years and wish to be relieved

of the burden of responsibility attaching to the office, consented to act as president until such an arrangement could be made. The college remained in his hands until 1897, when the Rev. A. Cameron MacKenzie, D.D., became president. Since that time three lines of activity have principally engaged the energies of those interested in the advancement of the college. The first has been an advanced requirement for entrance; the second, an effort to strengthen the faculty by bringing into it representatives of special training, or of teaching experience in the great colleges, as coadjutors of the elder professors; and the third, the raising of a semi-centennial fund of half a million dollars for added buildings and increased equipment.

To some extent the efforts in these directions have been effectual. The college entrance requirement is now in substantial accord with the standard of all the best eastern colleges. The faculty numbers representatives of Brown, Yale, Cornell, Johns-Hopkins, Pennsylvania, Wesleyan, and other high grade institutions.

To the semi-centennial fund, including the hundred thousand dollars subscribed under the present administration, there have been added a number of gifts, the largest of which (\$8,000) has come through the will of the late Francis Hall of Elmira, who was at the time of his death the senior trustee of the college. During the last thirty years of his life Mr. Hall, in addition to making many handsome donations, rendered much intelligent and active service to the college. Through his gifts there has been made possible an increased scientific equipment and additions to the library.

SITUATION

The City of Elmira, in the State of New York, is a town of forty thousand inhabitants and is a railroad center. The college is situated on the outskirts of the city and is easily accessible from the stations of the Northern Central; the

Delaware, Lackawanna & Western : the Erie ; and the Lehigh Valley Railroads.

While the college has the advantages and comforts incident to close connection with the city, it has all the quietness desirable for the student. Its elevation, though slight, commands a view of the surrounding country for many miles, and its campus, containing about fourteen acres, is most pleasing. It is laid out in walks, and is diversified by trees and shrubs and by open lawns which surround the little sheet of water lying at the foot of the hill ; here are the tennis courts and the basket-ball field, where tournaments are held in autumn and in spring.

EQUIPMENT

MAIN BUILDING

The main building is three hundred feet in length and is five stories in height. Although erected half a century ago, one is impressed on entering its doors with the substantial appointments everywhere visible. It is equipped with electric lighting and steam heating appliances, with an elevator, and with fire escapes, and it is the residence hall for students.

In the rotunda on the first floor is situated the chapel, equipped with an excellent Hook and Hastings organ. From the rotunda radiate corridors to the various wings of the building. In the west wing are situated the parlors, and the society rooms well furnished, and equipped with libraries. In the east wing are located the offices of President and Registrar, and occupying the entire north wing is the dining room.

OBSERVATORY

The observatory is situated on the college grounds southwest of the main building. It is equipped with an equatorial telescope of eight and a half inches aperture, a transit instrument, an electric chronograph, an astronomical clock,

sextant, and chronometers, and various minor instruments. The equipment is available for illustrating the general course in astronomy, and for practical use in the applied courses.

THE LABORATORIES

The department of chemistry and physics occupies the lower floor of the west wing of the main building. Besides the store room, the department contains a lecture room equiped with a projection lantern, gas, water, and other conveniences for lecture experiments.

Adjoining the lecture room on the right is the chemical laboratory, entirely refitted and furnished with the most approved desks and most modern plumbing; it is a large, well lighted, well ventilated room, having accommodations for thirty students. This laboratory is furnished with gas, water, and lockers, and is equipped for general chemistry, qualitative analysis, elementary and advanced quantitative analysis.

At the left of the chemical laboratory is the private laboratory of the professor, which is used by the advanced students in quantitative and sanitary chemistry. The balance room is furnished with a Staudinger analytical balance, a Queen & Co. balance, as well as balances for general work. The private laboratory is equipped for general analytical work.

Adjoining the lecture room is also the physical laboratory which contains, in addition to apparatus for lecture room experiments, the working tables and equipment for student use. It is supplied with galvanometers, both tangent and astatic, electrical machines, a dynamo, a Wheatstone bridge, resistance boxes, photometers, batteries, and other instruments necessary for laboratory work.

The biological laboratory is conveniently placed and is well lighted. It contains compound microscopes and dissecting instruments for the use of each student, a series of charts, a human skeleton, and an Auzoux dissecting manikin.

Abundant material for individual work is supplied. Zoological collections and the extensive herbarium in the museum are accessible to students.

LIBRARY

The college library is a collection of carefully selected books for the purpose of study and investigation. Additions of such books as are thought most desirable for the use of students are made regularly each year. The library now contains more than five thousand volumes, selected with special reference to working needs. All books are catalogued by the Dewey system, and students have access to the shelves.

The interest of a fund, the bequest of the late Mr. Francis Hall of Elmira, is devoted to the purchase of books for the library. Generous additions to the history department have been made during past years by the Alumnae Association of New York, and gifts for other departments have been donated by recent graduating classes, and by others interested in the college.

The reading room is supplied with weekly papers, and the leading scientific and literary periodicals.

THE MUSEUM

The museum is the natural ally and supplement to the college library. It contains an extended collection of natural specimens which serve to illustrate the arts, industries, and learning of mankind. The museum of Elmira College is contained in Gillett Memorial Hall, and is composed of several thousand specimens of birds, minerals, rocks, and fossils, collected during the past forty years, mainly through the efforts of Dr. Ford.

Zoology. In ornithology, sixty cases and one large cabinet contain over two thousand specimens of birds from North and South America, India and Australia. A few additional cases serve to exhibit several typical specimens of mammals and reptiles. All have been prepared and mounted by skill-

ful taxidermists. Of invertebrate animals there are thirteen cases of insects, exhibiting coleoptera and lepidoptera; a number of cases of fresh water mollusks from the lakes and rivers east of the Mississippi; a small case of marine mollusks from the New England coast.

Botany.—The specimens in this department consist of a collection of specimens of plants found in the lower Mississippi Valley, a collection from the flora of New England, a cabinet containing the principal species of flowering plants in the local flora of Elmira and vicinity. To the above a large addition is expected in the near future.

Geology. In this department are the following: (a) A cabinet of general geology. (b) A valuable collection of the principal ores of gold and silver found in the mining regions of the Rocky Mountains and parts of the Pacific coast. (c) A cabinet of the ores and products of the useful metals, as iron, copper, zinc, lead, tin, and other metals employed in the various industries of the world. (d) A collection of specimens from the coal fields of America. (e) Fossil geology is represented by a suite of large fossil casts illustrative of fossils of all systems. (f) A cabinet of gems and natural crystals; showing nature's geometric forms, as well as the gems selected for the purposes of art and ornamentation.

Mineralogy. Here is: (a) A set of typical specimens illustrative of the more common minerals found in rocks. (b) Several hundred specimens of minerals common in the Lake Superior region, and in New York and Pennsylvania.

Archæology. A collection of antiquities, such as ancient books, parchments, deeds, forms of pottery, medals, Roman lamps, glass works, relics from battle-fields and many specimens illustrative of olden times.

Numismatics. This department contains a rare collection of ancient Greek and Roman coinage, representing a period reaching back almost to the time of Christ, also coins illustrating the history of the Middle Ages, together with a large number representing those now in use among the nations of

the world. These, with a few specimens of rare paper money, are conveniently arranged for inspection.

COLLEGE SCHOOL OF MUSIC

Through the generosity of the late Solomon L. Gillett, one of the most complete buildings for the study of music was built on the east side of the campus. It is named "The Gillett Memorial Hall," in honor of the donor. The building is a brick and stone structure, containing twenty-two furnished rooms, which are isolated one from another by padded walls and floors, and by double doors. It is heated by steam, lighted by electricity, and thoroughly ventilated. It is equipped with twenty pianos, a reading room, reference library, and all conveniences for study and comfort. The faculty is composed of professors whose training in America and Europe, and whose acquired reputation in this country, guarantee to students a thorough musical education.†

THE RELIGIOUS LIFE OF THE COLLEGE

Elmira College was founded by men of strong religious impulse, and an unswerving faith in Christianity as the power which is mightiest to develop and sustain what is best in man. The college is strictly unsectarian, its board of trustees being chosen from the following Christian denominations: Baptist, Congregational, Dutch Reformed, Episcopal, Methodist, and Presbyterian. But while no religious tests are imposed upon any officer or student, and while perfect freedom is guaranteed to all, the authorities of the college through all its history have stood for the belief that intellectual culture can never compensate for the atrophy of the religious nature. The charge of the past to the present is to see to it that this college shall become to an ever-widening degree the nursery of strong, free, and gentle spirits

† See page 60

able to shape the future, and to face life with courage and with joy.

Chapel exercises are held each morning at nine o'clock and are usually conducted by the president. The students are expected to attend each chapel service. The churches of the city are most cordial in their welcome of students to their congregations and every student is expected to attend the church of her choice with regularity. The college course offers systematic instruction in Biblical Literature and Christian Sociology.

SOCIAL LIFE OF THE STUDENT

The Student's Government Association has in charge the order of the students in the household. All college students are members of this association.

There are two literary societies, Kappa Sigma and Phi Mu; they meet on alternate Friday evenings in their respective rooms, which have been artistically furnished, and which are equipped with good libraries. Literary, musical, and dramatic entertainments are frequently given. Securing members among the new students and carrying on social functions during the college year lead to energetic and friendly rivalry between the societies. At stated times the societies entertain each other, their friends, and the members of the college household.

The Fraternity of Thespis is an association for the study and presentation of classic dramatic literature. The members of this fraternity have presented some of Shakspere's comedies for their fellow students and friends. "As You Like It" was given in June upon the campus. No student is admitted to active membership of this society unless her class standing is high.

The Biological Society meets once a month for the discussion and study of recent scientific investigations.

The Mendelssohn Club gives concerts during the year, and through the Music School many renowned musicians are brought to the college.

The Athletic Association is a very popular organization and is open to all students of the college.

The students have in charge the college magazine, *The Sibyl*, which is published by the senior class five times annually : in October, December, February, April, and June. Terms one dollar a year ; single copies twenty-five cents.

The Student's Christian Association holds regular meetings to promote the religious life in the college.

The College Settlements Association has an Elmira College Chapter.

TEACHERS REGISTRY

A registry of names of students who wish to teach is kept by the college. The president will be pleased to correspond with any who desire teachers.

The success of Elmira College graduates in securing and satisfactorily filling lucrative positions is to be remarked, and an increasing number of applications are each year received at the college for graduates to fill positions as teachers.

EXPENSES

All checks should be made payable to Elmira College.

The college year is divided into semesters of nearly equal length—September to February—February to June.

UNDERGRADUATE STUDENTS

Charges per year as follows :

Tuition, (except Music and Art, which are extras)	\$100 00
Tuition, single subject.	30 00
†Home and board	200 00
Room alone	50 00
Study Room for Day Students	5 00
Registration Fee, when room is taken	5 00
‡Fee, per laboratory hour.	1 50
Extra charge for meals sent to room	25
Extra charge for laundry, per dozen	50

Payments are to be made as follows :

Students, resident in the college, will pay on entering in September	\$200 00
Students, not resident in the college, will pay on entering in September	60 00
The remainder in each case at the opening of the second semester.	

Students whose bills are not paid within twenty days after the opening of each term will be debarred from the classes.

GRADUATE STUDENTS

Tuition per semester for one course pursued at the college . . .	\$ 20 00
Tuition per semester for three or more courses pursued at the college	50 00
Fees for students pursuing studies in absentia :	
(a) At the beginning of work	20 00
(b) When final examination is taken	20 00

†Assignment of rooms will be, as far as practicable, in accordance with the date of application.

Each student supplies her table napkins, sheets, pillow-cases, blankets, and bed cover.

‡This fee covers chemicals and materials, but does not cover breakage, which will be charged extra.

STUDENTS OF MUSIC AND ART

Piano, three half-hour lessons a week	\$ 50 00
Piano, two half-hour lessons a week	35 00
Piano, two half-hour lessons a week (primary)	17 00
Organ, two half-hour lessons a week	60 00
Organ, one half-hour lesson a week	32 00
Vocal Culture, three half-hour lessons a week	85 00
Vocal Culture, two half-hour lessons a week	60 00
Violin, three half-hour lessons a week	60 00
Violin, two-half-hour lessons a week	40 00
Violin, one half-hour lesson a week	25 00
History of Music, in class	5 00
Harmony, two half-hour lessons, in class	10 00
Use of Piano or Organ, for two hours or less, daily practice . . .	5 00
Use of Piano or Organ, for more than two hours and not to exceed four hours	10 00
Drawing or painting	35 00
Oil painting from life	50 00

Students in Music and Art, whose bills are not paid twenty days after the first lesson, will be refused further instruction.

FEES ON GRADUATION

For the degree of Bachelor of Arts, or Science	\$ 5 00
For the degree of Master of Arts	10 00
For diploma from Music School	10 00

No deduction will be made from the charge for tuition. Students entering within the first four weeks will be charged from the beginning of the semester. No deduction is made for absence during the year, except in case of protracted illness, when deduction of half the board will be allowed, but no deduction for tuition, nor for withdrawal during the last four weeks of a semester.

THE SIMEON BENJAMIN BEQUEST

The income of Mr. Simeon Benjamin's bequest of \$25,000 is devoted to the assistance of students. Applicants for this aid must become members of regular classes, must furnish evidences of ability and need, and must maintain more than an average rank in scholarship. Requests for further information should be made to the President.

THE RUFUS S. FROST FUND

"To the Trustees of the Elmira College of the city of Elmira, Chemung County, New York: I give and bequeath the sum of \$1,000, to be held in trust, the principal to remain forever intact and the interest and income thereof to be donated annually to some member of the graduating class who shall be designated by the Faculty of said college; having regard to deportment, scholarship, and necessities; to aid in purchasing books, and defraying expenses of the senior year, and of graduation."

ADMISSION

GENERAL CONDITIONS

Examinations for admission will be held at the college at 9 o'clock A. M., June 9; and 9 o'clock A. M., September 22, 1904.

Candidates are advised to present themselves promptly, and are advised to prefer the June examination, so as to have time to make up deficiencies.

For the convenience of those living at a distance from the college, arrangements will be made, when desired, for examinations at or near their homes. In such instances, the President should be notified not later than the first week of June. The necessary arrangements will be made then, and the applicant at once informed of them.

Applications for examinations should be made to the President.

Students are admitted without examinations in the following cases:

- A When they bring certificates of the Regents of the University of the State of New York which meet the requirements for admission to college.

Diplomas and sixty count academic certificates issued by the Regents of the University of the State of New York are accepted in place of examinations in all the subjects that may be accepted for entrance which are covered by such credentials, including English, German, French, Latin, Greek, Algebra, Geometry, History, Civics, Economics, Physical Geography, Botany, Zoology, Physics, Chemistry.

To secure exemption from the entrance examination in English, the Regent's diploma or sixty count academic certificate must cover first year English, second year English, and *either* third year English or English Reading.

• Applications for credit in all subjects for which credit is desired, must be made at the time of the admission of the applicant, and not be postponed to any later date in the course.

Diplomas, certificates, and statements should be sent by mail to the Registrar before the opening of the term.

- B When they bring certificates from approved schools. The work gone over must be specified, and both the text books used, and the date of the examination must be given.

Certificate of work done in public or private schools, in or out of the State, will not be accepted in lieu of examinations, unless the applicant has completed a full course in the school, and has been duly graduated after at least one year in the school, and the college authorities are satisfied regarding the standing of the school.

Admission by certificate is in all cases provisional. If a student fail in any subject in the college that depends upon an entrance subject for which a certificate has been accepted, the credit for that entrance subject may be cancelled. Certificates from schools whose students prove to be imperfectly fitted, will ultimately not be considered.

No school certificate is accepted in place of the entrance examination in English.

- C When they seek advanced standing.

Applicants for a baccalaureate degree coming from other colleges and universities, may be admitted provisionally to such standing and upon such terms as the faculty may deem equitable in each case, regard being had to the applicant's previous course of study, and to the evidence of proficiency exhibited. Every such candidate for a baccalaureate degree is required, at the time

of making her application, to forward to the Registrar, along with a catalogue of the institution in which she has studied, a careful statement, duly certified, of the studies which she has pursued, and of the degree of proficiency attained therein, including her record at the *entrance* examinations and a letter of honorable dismissal. This statement should be made as full as possible, giving details of subjects taken, authors read, and in mathematics the text books used. To avoid delay in arranging the course, these credentials should be presented at an early day in order that the status of the applicant may be determined as far as feasible before her arrival. Applications for credit in all subjects for which credit is desired, must be made at the time of the admission of the applicant, and not be postponed to any later date in her course.

D When they may be admitted as special students.

Persons may be admitted as special students provided they give evidence of ability to do creditably that work of the college which they wish, and provided the professor in charge of the department in which they wish to take a large part of their work recommends them to the faculty. It is understood that in the special work for which they enter they may be admitted to college classes subject to the approval of the professor, but that in all other respects their choice of subjects and course is limited by the same rules that govern electives in courses for academic students in full standing. Resident special students will be required to carry enough hours to bring their programs up to the required number of fifteen periods of recitation a week.

ENTRANCE EXAMINATION

Applicants presenting themselves for examination for entrance to the freshman class, are expected to be prepared in English, History, Mathematics, Latin, and in either Greek, French, or German, as specified below, except that for the student entering the scientific course modification of the entrance requirement in language is allowed under conditions contingent upon special preparation in mathematics or in the sciences. On this point the candidate is referred to the general conditions of admission, (A, p. 26,) and is invited to correspond with the President.

Entrance requirements are as follows:

ENGLISH

- (a) A knowledge of the essentials of English grammar.
- (b) A command of the rudiments of composition, clear sentence structure, correct spelling, punctuation, capitalization; and the ability to write a legible page of English script.
- (c) A careful and detailed knowledge of the subject matter of the books prescribed for study, as given below, with some knowledge of the peculiarities of their literary form and of their structure. For 1904, and 1905: Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Milton and on Addison*.
- (d) A general knowledge of the subject matter of the books prescribed for reading. These are, for 1904, and 1905: Shakespeare's *Merchant of Venice*, and *Julius Cæsar*; the *Sir Roger de Coverley Papers* in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

HISTORY

Greek and Roman History, and American or English History. West's *Ancient History*, Morey's *Outlines of Grecian and Roman History*, Adams and Trent's *History of the United States*, and Larned's or Andrew's *History of England*, are named to indicate the amount required.

MATHEMATICS

Metric system. University algebra through quadratic equations. Plane geometry. A recent review of mathematical work is necessary in order to do the work of the college successfully.

LATIN

(a) Grammar. A thorough knowledge of the fundamental rules of syntax is required. The grammars of Allen and Greenough, Gildersleeve-Lodge, and of Harkness, and Bennett, are recommended.

(b) Prose composition. Daniell's Exercises in Latin Composition, or an equivalent

(c) Reading. Cæsar, Gallic War, four books; or Arrowsmith and Wicher, First Latin Readings; Vergil, Æneid, six books; Cicero, seven orations (the Manilian Law counting as two); Ovid, Metamorphoses, two thousand lines, or the translation of easy passages at sight.

In addition to the Latin one other language is required. The second language may be Greek, German, or French.

GREEK

(a) Grammar. A thorough familiarity with the forms and the fundamental rules of syntax is required. The grammars of Hadley and Allen, and Goodwin, are recommended.

(b) Prose composition. The candidate must be able to translate into Greek simple prose based on passages from Xenophon. The text recommended is Collar and Daniell (Exercises I-LXXXV), but an equivalent will be accepted.

(c) Reading. Xenophon, Anabasis or Hellenica, four books; Homer, Iliad or Odyssey, three books. The candidate must be able to translate at sight easy passages from Xenophon or Homer.

GERMAN

(a) Grammar. A thorough knowledge of grammar is indispensable, no amount of reading will be accepted in its place. Grammar of Joynes-Meissner is recommended.

(b) Reading. Joynes, German Reader; Storm, Immensee, Wilhelmine von Hillern, Hoher als die Kirche; Andersen, Bilderbuch ohne Bilder; Schiller, Jungfrau von Orleans; Heyse, La Rabbiata; Goethe, Iphigenie. The candidate is required to translate easy German at sight.

FRENCH

(a) Grammar. Fraser and Squair is recommended.

(b) The candidate will be called upon to translate, into French, connected passages of simple English.

(c) Reading. Halévy, L'Abbé Constantin; Mérimée, Colomba; Daudet, La Belle Nivernaise; George Sand, La Mare au Diable; Michelet, La Prise de la Bastille; Molière, Les Précieuses Ridicules. The candidate is expected to memorize six fables of La Fontaine and three poems of Victor Hugo, and will be called upon to translate at sight easy passages of French prose or verse.

COURSE OF INSTRUCTION, LEADING TO DEGREES

The work of all students of the college is prescribed for the freshman year. It consists of a total of thirty hours of work, fifteen hours being given in each semester, or half-year. A tabular view of the freshman work is given below.†

FRESHMAN YEAR

FIRST SEMESTER

Figures indicate the number of hours a week

<i>Course for Classical Students</i>		<i>Course for Scientific Students</i>	
Latin	4	Latin	3
Greek		French or	
French or } German }	3	German }	4
Geometry	4	Geometry	4
English	2	English	2
English Literature	1	English Literature	1
Biblical Literature	1	Biblical Literature	1

SECOND SEMESTER

Latin	4	Latin	3
Greek		French or	
French or } German }	3	German }	4
Algebra	4	Algebra	4
English	2	English	2
English Literature	1	English Literature	1
Biblical Literature	1	Biblical Literature	1

After the freshman year the work is elective, and each student is expected to elect fifteen hours each semester throughout the course. No course is given unless elected by as many as three students. Subjects starred in the catalogue must be carried through the whole year, otherwise those courses will not count toward a degree. The academic instruction afforded by the college will be found to fall under three general groups, and is so arranged in the departmental statement. Group A, Language and Literature ; Group B,

†For work on Physical Training, see page 56.

Philosophy and History ; Group C, Mathematics and Science. Students who have completed college courses to the extent of one hundred and twenty hours are granted degrees as follows :

- I When of the one hundred and twenty hours required, as many as sixty hours have been in Group A ; as many as fifteen hours in Group B ; and as many as twenty-five hours in Group C ; the degree of BACHELOR OF ARTS is conferred.
- II When of the one hundred and twenty hours required, as many as forty-six hours have been in Group A ; as many as ten hours in Group B ; and as many as forty-four hours in Group C : the degree of BACHELOR OF SCIENCE is conferred.

Students in either Classical or Scientific Courses who show proficiency in their work are granted honors of distinction, as follows : *Summa cum laude, magna cum laude, cum laude.*

The degree of BACHELOR OF MUSIC will be awarded only for graduate work in music of such quality as will meet the approval of the faculty.

The degree of MASTER OF ARTS may be conferred upon a Bachelor of Arts of this or of any other approved college, who has pursued one year's study at the college or two years' study *in absentia*.

Candidates for this degree shall choose, under the direction of the faculty, or with its approval, one major and two minor subjects. An examination on these subjects and the presentation of a thesis giving evidence of independent investigation on the major subject will be required.

Application for assignment of work for this degree should be made before the spring recess of the year preceding the beginning of the work.

COURSES OF INSTRUCTION

BY

DEPARTMENTAL STATEMENT

GROUP A

LANGUAGE AND LITERATURE

ENGLISH LANGUAGE AND LITERATURE

The instruction offered in this department has for its end three distinct though allied results in the student's education: first, ease and energy in English composition; secondly, an historical knowledge of the English language; and thirdly, a general acquaintance with English literature and with the influences which have prescribed its development. These results are sought severally through the courses in rhetoric, in the English language, and in English literature.

RHETORIC

1 DESCRIPTION AND NARRATION

The work consists of theme writing, daily through part of the year, with conferences for the correction of themes under criticism. In the first semester a close drill on paragraph structure, and on exactness in language, with required themes of description of simple and familiar objects. In the second semester drill on theme structure with special reference to unity, extended themes of description and narration.

Two hours throughout the year, required of freshmen.

2 EXPOSITION

In the first semester, special attention to explicitness of statement, themes giving practice in expository writing. In the second semester, drill on force and effectiveness in language and on finish in form. Practice in book-reviewing and in editorial writing. Text used is Genung's Working Principles of Rhetoric.

Two hours throughout the year, open to all who have completed 1.

3 PRACTICAL STUDIES IN PROSE STYLE

The work in this course is based upon representative selections from our best English prose. Special attention is given to the rhythm of prose and to the subject of structure for power.

Two hours second semester, elective with or after the second semester of Literature 2.

4. ARGUMENTATION *

The distinct aim of this course is to induce a forcible literary style, by means of placing stress upon an exact and definite relation and order in the ideas the student has to present. Students are advised to elect for their briefs and forensics lines of investigation already pursued with other college courses. In the first semester, three finished briefs and two forensics presented in manuscript. In the second semester, three finished briefs and three forensics, one of each to be presented without notes. Text used is Baker's Principles of Argumentation.

Two hours throughout the year, junior elective, open to seniors.

5 THEORY OF LITERARY CRITICISM

In the first semester, study of Lewes' Success in Literature, lectures on the essentials of narration, seminary work in analysis of great works of fiction. In the second semester, study of the relation of theme to form, analytic and synthetic.

One hour throughout the year, open to seniors.

6 SEMINARY IN ENGLISH TEACHING

Examinations of publications dealing with ideals and with methods. Seminary reports on the practical questions likely to arise in teaching the grammar, rhetoric, or literature of English in the preparatory schools.

Two hours second semester, elective for seniors.

7 THEORIES OF POETRY

A study of the nature and true field of poetry, based upon Aristotle, Poetics; Sidney, Defense of Poesie; and Shelley, Defense of Poetry. An investigation of the nature and laws of language rhythm in general, and a special study of their manifestation in the familiar meter and stanza forms of English versification.

One hour throughout the year, elective for seniors. (Alternate with 5 and offered in 1904-5.)

ENGLISH LANGUAGE

1 OLD ENGLISH

Study of Old English Grammar, readings from selected prose and poetry, before the close of the year Beowulf is studied and the student is introduced to the study of Emerson, History of the English Language. Other texts used are ; Cook, First Book on Old English ; Sievers-Cook, Grammar of Old English ; Wyatt, Beowulf.

Three hours first semester, one hour second semester, elective for juniors and seniors.

2. OLD AND MIDDLE ENGLISH

An historical study of the English language, Cynewulf, Langland, and Chaucer.

One hour throughout the year, elective after 1.

ENGLISH LITERATURE

The course in English literature, throughout, is expected to aid the cultivation of literary appreciation through the continuous exercise of the critical faculty. The student's private judgment is revised by class criticism and questioning until she reaches for herself some just conclusion upon the work under discussion. It is expected that as the course progresses she will gain the power to make her conclusions less and less partial and imperfect, and that she will finally acquire such literary insight, as well as such well-founded confidence in her own judgment, as will make her an intelligent and an independent critic and appreciator of literature.

1 GENERAL READING COURSE

Carlyle, Ruskin, Arnold, rapid reading of several of Shakespere's plays.

One hour throughout the year, required of freshmen.

2 HISTORICAL COURSE

This course is planned to develop the idea of historical continuity and evolution, in the literary works of a people. Typical works of representative authors are used, reference is made to social and literary histories, biographies, and works of criticism.

Two hours throughout the year, elective after 1 and required before the following electives.

3 TENNYSON AND BROWNING—

A critical study of selected poems.

Two hours throughout the year, elective after 2.

4 MILTON—

A seminary course.

One hour first semester, elective after 2.

5 ENGLISH ROMANTICISM

A seminary and lecture course. Studies in the history of literary criticism with special reference to the period from Dryden to Coleridge.

One hour second semester, elective after 2.

6 SHAKESPERE

A critical study of the great tragedies with regard to plot, structure, and character drawing; a comparative study of them as representing different stages of artistic development. The aim of the course is to reveal the art of the drama of Shakespere.

Two hours first semester, elective for seniors.

7 COMPARATIVE STUDY OF THE DRAMA

Lectures upon the evolution of dramatic feeling and form in ancient, mediæval, and modern civilization. Readings of the plays to be discussed, reports from members of the class. Discussions based on principles laid down by Freytag, Technique of the Drama.

Two hours second semester, elective for seniors.

GERMAN LANGUAGE AND LITERATURE

The German Department aims, by means of thorough and accurate work, to make students independent in the use of the language and thus prepared to assimilate the productions of the best German authors. In order to increase the interest, lectures are given in connection with the works read, and in advanced classes historical lectures are given—these being intended as a background for the literature; much importance is attached to the writing of German essays. They are considered a test of the student's ability to make a practical use of the instruction received, and are a part of the examination work. German is the language of the class room. Thus in various ways the student is carried into the realm of German life and becomes familiar with the thought of the German people.

I BEGINNING GERMAN *

Grammar, Joynes-Meissner; Hewett, German Reader; Schiller, Wilhelm Tell. Some favorite German poems are committed to memory.

Four hours throughout the year.

2 FIRST READING COURSE

Grammar continued. Harris, German Prose Composition ; Schiller, Jungfrau von Orleans : Goethe, Iphigenie auf Tauris ; Schiller, Maria Stuart.

Four hours throughout the year, required of freshmen presenting German in scientific course.

3 GERMAN LITERATURE

Lecture on Schiller and Goethe and their works, and lectures on the Thirty Years War in connection with Wallenstein ; Reading of Lessing, Nathan der Weise ; Schiller, Wallenstein (entire), Kluge, Deutsche Litteratur. Essays required.

Three hours throughout the year, required of freshmen presenting German in classical course.

4 GREAT GERMAN WRITERS

Goethe, Faust, I Theil ; Chamisso, Peter Shlemihl ; Wichert, Ein Schritt vom Wege ; Scheffel, Ekkehard ; Heine, Harzreise ; Kluge, Deutsche Litteratur (continued). Essays are required. Buchheim, Prose composition.

Two hours throughout the year, elective after 3.

5 GREAT GERMAN WRITERS (Continued)

Schiller, Don Carlos ; Scheffel, Trompeter von Säkkingen ; Freytag, Die verlorene Handschrift ; selections from various authors. Lectures on the rise of Prussia and on the history of Germany. Methods of teaching German. Essays are required. Buchheim, Prose Composition.

Two hours throughout the year, elective after 4.

6 MIDDLE HIGH GERMAN

Critical study of Das Nibelungenlied and the Poems of Walther von der Vogelweide. Essays, Sight translation.

Two hours throughout the year, elective for seniors.

7. GENERAL READING COURSE

Selections from modern authors, with much reading outside of class room work. Essays to be written on the work studied. Lectures, as in 6, on the history of Germany, and on the literary life of to-day in Germany.

One hour throughout the year, elective after 5.

8 SCIENTIFIC GERMAN

One hour second semester, elective after 5.

FRENCH LANGUAGE AND LITERATURE

The courses in this subject extend over four years and have for their aim the giving to the student: (1) an accurate knowledge of the language of the present time both as written and spoken; (2) an appreciation of the more important masterpieces of the literature, proportionate to the knowledge of the language; (3) a knowledge of the historical development of the literature; and (4) an elementary acquaintance with the historical phonology.

The work as above outlined is carried on by means of recitations, the writing of prose and of essays, the hearing of lectures in French, and by collateral readings. Much stress is laid from the beginning upon the ability of the student to express herself directly in the language.

I ELEMENTARY FRENCH*

Grammar. Fraser and Squair; Bercy, *Le Français Pratique*. Oral and written exercises. Reading of such easy prose as: Halévy, *L'Abbé Constantin*; De la Brète, *Mon Oncle et Mon Curé*. Memorizing selected fables of La Fontaine.

Four hours throughout the year, elective after the freshman year.

2 CONTINUATION OF COURSE I

Grammar. Grandgent, *Material for French Composition*. Reading of prose such as: George Sand, *La Petite Fadette* or *La Mare au Diable*; Mérimée, *Colomba*; Daudet, *La Belle Nivernaise*; Molière, *Les Précieuses Ridicules*. Memorizing of selected poems. In this course brief outlines of the history of French literature are also given and some extracts read from celebrated authors.

Four hours throughout the year, required of freshmen presenting French in the scientific course.

3 FRENCH LITERATURE IN THE SEVENTEENTH CENTURY

A study of the drama and of the miscellaneous literature of the period. Corneille, Racine, Molière, La Fontaine, Pascal, Bossuet, Fénelon, Mme. de Sévigné. One hour a week devoted to composition and sight translation.

Three hours throughout the year, required of freshmen presenting French in the classical course.

4 FRENCH LITERATURE IN THE EIGHTEENTH CENTURY

This course will treat of the time and influence of Voltaire, Montesquieu, Rousseau, the Encyclopedists, Beaumarchais, Le-Sage, Mirabeau.

Two hours throughout the year, elective after 3.

5 FRENCH LITERATURE IN THE NINETEENTH CENTURY

A study of the principal authors of this period. Victor Hugo as poet, novelist, and dramatist. Chateaubriand, Lamartine, Alfred de Vigny, Alfred de Musset, Théophile Gautier, Dumas, George Sand, Balzac, with a brief survey of contemporary writers.

Two hours throughout the year, elective after 3.

6 LYRIC POETRY OF THE NINETEENTH CENTURY

In this course the different schools of poetry will be discussed and copious extracts will be read from representative poets such as: Lamartine, Victor Hugo, Alfred de Musset, Alfred de Vigny, Théophile Gautier, LeConte de Lisle, Sully Prudhomme, François Coppée.

Two hours first semester, elective after 4 or 5.

7 THE THEATRE IN THE NINETEENTH CENTURY

In this course the development of the theatre during the period will be studied in detail. Dramas of such representative authors as Victor Hugo, Scribe, Alexandre Dumas, Augier, Sardou, Meilhac and Halévy, Rostand, will be read and discussed.

Two hours second semester, elective after 4 or 5.

8 INTRODUCTORY STUDIES IN OLD FRENCH

Elements of Phonology. Translation into Modern French from La Chanson de Roland, Chrestien de Troyes, Aucassin et Nicolette. Gaston Paris, Manuel de la Littérature Française du Moyen Age.

One hour throughout the year, elective after 6 or 7.

ITALIAN LANGUAGE AND LITERATURE

1 ELEMENTARY ITALIAN*

Italian Grammar, Grandgent. Oral and written exercises.
 Texts: De Amicis, Cuore (I Racconti mensili); Salvatore Farina,
 Il Signor Io; Goldoni, Il Vero Amico.

Two hours throughout the year, elective for juniors and seniors.

2 LITERATURE OF THE THIRTEENTH AND FOURTEENTH CENTURIES

Dante, La Divina Commedia; Petrarch, Rime Scelte; Boccaccio,
 Novelle Scelte.

Two hours throughout the year, elective for juniors and seniors.

SPANISH LANGUAGE AND LITERATURE

1 ELEMENTARY SPANISH—*

Spanish grammar, Loiseaux; Worman, First and Second Spanish Books; Ramsey, Text Book of Modern Spanish, and Spanish Reader; Alarcón, El Capitán Veneno, or Galdos, Doña Perfecta.

Two hours throughout the year, elective for juniors and seniors.

2 CLASSICAL COURSE

Selections from Cervantes, Lope de Vega, and Calderon.

Two hours throughout the year, elective for juniors and seniors.

LATIN LANGUAGE AND LITERATURE

The aim of this department is to enable the student to read Latin with rapidity and accuracy, to form some acquaintance with the chief masterpieces of Roman literature, and to gain a correct appreciation of the relation of classical life and thought to the history and culture of the modern world. The first place, it is held, must always be given to the detailed study of the language, but the work is progressive in character, and increased attention is paid in more

advanced courses to questions of history and literature. In the later study of the language especial reference is had to the needs of prospective teachers.

1 LIVY

Book I, with rapid reading in Book XXI. A prescribed course of reading in the history of Rome. Prose composition, and systematic review of the leading constructions of syntax.

Four hours first semester, required of classical freshmen.

2 OVID AND HORACE

Selections from the Elegies and Heroides of Ovid, and from the Odes of Horace. Study of lyric prosody. Lectures on the poetry of the Augustan Age. Prose composition and review of syntax.

Four hours second semester, required of classical freshmen.

3 PLINY, MARTIAL AND TACITUS

Selections from Pliny's Letters and the Epigrams of Martial. The Agricola of Tacitus. Especial attention will be given in this course to some of the salient features of Roman public and private life under the Empire.

Two hours first semester, elective for sophomores.

4 COURSE IN READING LATIN AT SIGHT

Selections from Ovid, and from Post's Latin at Sight. Practice in translation at hearing and in oral exercises in Latin composition.

One hour first semester, elective for sophomores.

5 ROMAN ELEGY

Selections from Catullus, Tibullus and Propertius. History of the development of elegiac poetry.

Two hours second semester, elective for sophomores.

6 READING AT SIGHT

Rapid reading of a play of Terence (the Adelphoe). Practice in translation at hearing.

One hour second semester, elective for sophomores.

7 LATIN LITERATURE

The development of Latin literature is traced by a course of weekly lectures, and these are supplemented by prescribed readings in standard histories of Roman literature and in poetical versions. Short illustrative selections covering the range of the literature are also read. Essays and reports of reading are required.

Two hours first semester, elective for juniors or seniors; also with the consent of the instructor, for sophomores.

8 ROMAN COMEDY

Three selected plays of Plautus and Terence. The treatment is mainly literary, with due attention to metres and ante-classical syntax. The work is supplemented by lectures on Roman comedy, and the preparation of special papers by the class.

Two hours second semester, elective for juniors or seniors. (Omitted in 1904-5.)

9 ROMAN TRAGEDY (SIGHT READING)

Rapid reading of a play of Seneca (the Medea). Lectures and prescribed readings upon Roman Tragedy.

One hour second semester, elective for juniors and seniors.

10 ROMAN SATIRE

Selections from the Satires of Juvenal and Horace designed to illustrate various phases of contemporary life and manners. Lectures on the history of Roman Satire. An important feature of the work consists in the preparation of papers by the class dealing with the social life of Rome under the Empire.

Two hours first semester, elective for juniors and seniors.

11 VERGIL, SELECTIONS FROM THE ÆNEID

A selection of the most interesting passages in the Æneid is made with a view to illustrate the poetic art of Vergil and to afford an opportunity for discussing the chief literary problems connected with the poem, such as the myth of Æneas, the characters of Æneas and Turnus, the Æneid as a religious poem, the underworld in Vergil. One of the earlier books of the Æneid is reviewed with special reference to Vergilian syntax and to the needs of intending teachers.

Two hours first semester, elective for seniors.

12 TEACHERS COURSE AND ADVANCED COMPOSITION

Attention is given to methods of preparatory instruction, to the more difficult portions of syntax, hidden quantities, the pronunciation of Latin and the treatment of Latin synonyms. Illustrative and sight reading in Vergil and Cicero is taken up, and weekly exercises in Latin prose composition are assigned.

Two hours second semester, elective for seniors.

The following course is open to candidates for the degree of B. S. admitted on the minor requirements in Latin ;

13 VERGIL

Books I-VI of the *Æneid*. Attention is given to Latin prosody and mythology, and the leading constructions of syntax are studied with care.

Three hours first and second semester.

GREEK LANGUAGE AND LITERATURE

The courses in this department are designed to give the student a knowledge of the chief phases of Hellenic life as interpreted through the language, literature, and art of the Greeks, and to develop an understanding and appreciation of the place of Grecian civilization in human history, and of the contribution of the Greeks to the elements of our modern life. Emphasis is laid at first upon the study of the language as the key to the literature, but in the later years of study the distinctively literary side is made more prominent.

1 LYSIAS, PLATO, AND HOMER

Selected orations, the *Crito*, and parts of the *Phaedo*, selected books of the *Odyssey*. Review of Attic syntax, exercises in composition and translation at sight. Outline study of the history of Greek literature.

Three hours throughout the year, required of freshmen presenting Greek, and open to any student satisfying the entrance requirements in Greek.

2 DEMOSTHENES AND ARISTOPHANES

The Philippics, and a study of Attic oratory. The Clouds and the Frogs, with a study of Attic comedy.

Two hours throughout the year, elective for those who have completed course 1.

3 THE HISTORIANS AND TRAGEDIANS

Selections from Herodotus and Thucydides. Sophocles, Antigone; Euripides, Medea or Alcesteis.

Two hours throughout the year, elective for those who have completed course 1.

Course 2 and 3 are given in alternate years. Course 2 will be given in 1904-5.

4 PLATO

Selected dialogues.

Two hours first semester, elective for seniors or juniors.

5 LYRIC POETS

Selections from the elegiac, iambic, and melic poets.

Two hours second semester, elective for seniors or juniors.

6 ADVANCED PROSE COMPOSITION

Study of special topics in Greek syntax. Rapid reading of selections from Xenophon and Homer. This course is arranged with special view to the needs of those who wish to teach Greek.

Elective for seniors, hours to be arranged.

7 ELEMENTARY GREEK *

Greek grammar. Anabasis, Book 1, or other easy selections. Prose composition.

Four hours throughout the year, open to those who elect Greek as a third language.

8 ELEMENTARY GREEK (CONTINUED)

Selections from Xenophon and the New Testament; Homer. Translation at sight and hearing. Prose composition.

Three hours throughout the year, open to those who elect Greek as a third language.

BIBLICAL AND ANCIENT LITERATURE

The study of the Bible is assigned a fixed place in the curriculum for freshmen and seniors. The work is conducted from a literary point of view, not from a doctrinal one. The student is required to enter in a note book the results of the lectures, and these note books are subject to inspection by the instructor.

1 BIBLICAL LITERATURE

The principal aim of this course is to promote a systematic and scholarly interest in the study of the English Bible. Students will be expected to read with care portions which may be assigned as subjects of lecture, so as to become familiar with the leading events and most eminent characters mentioned in the Scriptures. Attention will be especially called to the separation and training of the Jewish nation as an illustrative specimen of a nation of monotheists designed to be a blessing to the whole world.

One hour throughout the year, required of freshmen.

2 ADVANCED BIBLE STUDY

A course of lectures will be given to the senior class including the following themes: (a) Primitive Anthropology. (b) History of Language. (c) Comparative Philology. (d) Ancient monuments. (e) Tablets of Babylonia and Assyria. (f) Civilization, art, and literature of Egypt.

Two hours first semester, elective for seniors.

3 ADVANCED BIBLE STUDY (Continued)

The lectures of the second semester will be chiefly devoted to the introduction and spread of Christianity during the first three centuries of the Christian era. These lectures will make prominent the historical evidences for the truth of the New Testament.

Two hours second semester, elective for seniors.

GROUP B

PHILOSOPHY AND HISTORY

PHILOSOPHY

Each of the subjects comprised within the department of philosophy has its special aims; yet, as their being so grouped would signify, there are certain general aims characteristic of this whole group of distinctively cultural studies. These are the broadening and enrichment of the mind by an acquaintance with some of the world's greatest thinkers and their contributions to thought, a knowledge of the laws of the mental and moral nature, and mental discipline of a kind different from that afforded by mathematical, scientific, or language studies.

1 LOGIC

Creighton, *Introductory Logic*. This is an elementary course in the forms and laws of reasoned thinking, deductive and inductive. The course includes also a brief study of the nature of thought and the theory of knowledge, to serve as a basis for later philosophical study.

Two hours second semester, elective for sophomores and juniors.

2 PSYCHOLOGY

Titchener, *Outline of Psychology*; and Sanford, *Experimental Psychology*. A study of the elementary mental processes and their combinations in the complex forms of mental activity. A part of the time is given to experimental work, each student being required to prepare a note book showing the methods and results of this work.

Three hours first semester, elective for seniors and juniors.

3 HISTORY OF PHILOSOPHY

Rogers, *Student's History of Philosophy*. This course aims to give a general survey of the history of philosophical thought, ancient and modern. Instruction is given in lectures, supplemented by careful reading of the text-book and selected portions of other standard works.

Three hours first semester, elective for seniors.

4 MODERN PHILOSOPHY

The aim of this course is to study the systems of certain of the modern philosophers with more thoroughness and detail than the more general course allows. The work includes lectures and selected readings. Members of the class are required to prepare papers on special subjects.

Two hours second semester, elective for seniors.

5 ETHICS

Seth, Ethical Principles. A study of the principles of conduct and the types of ethical theory in their historical development. Class discussion of practical problems is encouraged.

Two hours second semester, elective for seniors.

EDUCATION

1 HISTORY OF EDUCATION

Seeley, History of Education. A study of educational systems and theories. The work comprises recitations, collateral readings, and occasional papers prepared by members of the class.

One hour first semester, elective for seniors and juniors.

2 PEDAGOGY

White, Art of Teaching and School Management. This course aims to give a comprehensive and practical grasp of the principles and methods of education. It comprises recitations, lectures, and reports on collateral readings.

One hour second semester, elective after Philosophy 2.

ECONOMICS AND SOCIOLOGY

1 POLITICAL ECONOMY

Walker, Political Economy. The purpose of this course is to furnish a comprehensive view of the leading principles of economics, theoretical and applied.

Two hours first semester, elective for sophomores and juniors.

2 OUTLINES OF SOCIOLOGY

This course treats of the nature, methods, and aims of sociology as a science, the structural development of social life, history of the development of the socialistic ideas; discussions of the prominent movements of the day.

Two hours second semester, elective for juniors and seniors.

HISTORY

The aim of the work in history is to give a general survey of the history of mediæval and modern Europe as a foundation for later specialization, and to introduce students to a scholarly method of historical study. The instruction is designed to give broad conceptions of the development and mutual relations of political conditions and institutions in different eras, and to stimulate interest in the investigation of them. The method of instruction includes lectures and recitations based on topical outlines, with papers, reports, and discussions on special topics assigned for individual study.

1 HISTORY OF MEDIÆVAL EUROPE

This course is an introduction to the general history of Europe, A. D. 300-1300, including the decline and fall of the Roman Empire ; the barbarian invasions ; the rise of the new Rome ; the shaping and development of the Church ; the rise and extension of Mohammedism ; the growth of Frankish power and the empire of Charlemagne ; the feudal system.

Three hours first semester, elective for sophomores and juniors.

2 HISTORY OF MEDIÆVAL EUROPE (Continued)

The rise of the new nations ; the conflict between the papacy and the empire ; the crusades and their results ; the growth of cities ; the rise of the universities ; the decline of the papacy.

Two hours first semester, elective for juniors.

3 THE RENAISSANCE AND THE REFORMATION

This course includes the rise of the humanistic movement ; the spread of the Renaissance through Italy, France, England and Germany ; the struggle for the balance of power ; the rise and progress of the Reformation ; the growth of Protestantism and the reaction ; the revolt of the Netherlands ; the religious war in France ; the Thirty Years' War.

Two hours first semester, elective for seniors.

4 EUROPE SINCE THE SEVENTEENTH CENTURY

This course includes the expansion of France ; French absolutism ; the growth of international relations ; the rise of Prussia and Russia ; the Seven Years' War ; English Expansion ; the causes of the French Revolution ; the Directory ; the Napoleonic empire ; the wars to the Congress of Vienna ; political changes since 1815.

Two hours second semester, elective for seniors and juniors.

5 AMERICAN HISTORY

This course has particular reference to the needs of those who may become teachers of history, and prominence is given to the consideration of methods of teaching and study.

Two hours second semester, elective for seniors and juniors. (Not given in 1905-6).

ART AND ARCHÆOLOGY

1 LECTURES IN ART HISTORY

This course embraces the principles of æsthetics, with the history of art, ancient, mediæval, and modern. Biographical sketches of the great masters are given with critical study of their best work illustrated by a carefully selected collection of photographs of the most celebrated specimens in architecture, sculpture, and painting.

Four hours second semester, elective for seniors.

2 LECTURES AND STUDIES IN GREEK ARCHÆOLOGY

No knowledge of Greek is required. The course includes a study of the development of Greek architecture, sculpture, and the minor arts, especially vase-painting.

One hour first semester, elective for seniors and juniors.

3 LECTURES IN ROMAN PRIVATE LIFE AND ARCHÆOLOGY

The course of lectures is supplemented by auxiliary reading. By way of illustration, books, photographs and stereopticon slides are used.

Two hours second semester, elective for sophomores in conjunction with Latin 5 or 6; also, with the consent of the instructor, for other students.

GROUP C

MATHEMATICS AND SCIENCE

MATHEMATICS

1 SOLID GEOMETRY

Four hours first semester, required of freshmen.

2 ALGEBRA

Four hours second semester, required of freshmen.

3 TRIGONOMETRY

Plane and spherical.

Four hours first semester, elective for sophomores.

4 ANALYTIC GEOMETRY

Three hours second semester, elective for sophomores.

5 ANALYTIC GEOMETRY

Three hours first semester, elective for those who have taken 4.

6 DIFFERENTIAL CALCULUS*

Two hours first semester, elective.

7 INTEGRAL CALCULUS

Two hours second semester, elective.

8 THEORY OF EQUATIONS

Three hours second semester, elective.

ASTRONOMY

1 GENERAL ASTRONOMY

The course consists of lectures and recitations with work in the observatory, and frequent telescopic observations of the heavens. Todd, New Astronomy.

Three hours first semester, elective for seniors.

CHEMISTRY

1 GENERAL CHEMISTRY

A study of the history, occurrence, preparation, and properties of the more important non-metals and their compounds; also a similar study of the more common metals. Lectures, recitations, and laboratory work. Two laboratory periods.† Two class periods.

Four hours first semester, elective after the freshman year.

2 QUALITATIVE ANALYSIS

This course includes a systematic study of the separation of the metals and the detection of the more important acids. The theory of oxidation and reduction and the writing of characteristic equations are also taken up. Each student is given practice in determining the composition of unknown substances. Lectures, recitations, and laboratory work. Three laboratory periods. One class period.

Four hours second semester, elective after 1.

3 QUANTITATIVE ANALYSIS

This course includes the gravimetric determinations of iron, sulphur trioxid, aluminum, phosphorus pentoxid, lead and magnesium, together with the volumetric determination of iron, calcium and oxalic acid. The student is instructed in the use of the analytical balance and in the preparation and standardization of normal solutions. At the end of the term's work a complete analysis of limestone is made. Lectures, recitations, and laboratory work. Two laboratory periods. One class period.

Three hours first semester, elective after 2.

4 ORGANIC CHEMISTRY

A study of the typical organic compounds and of the relations between different classes of organic compounds. Lectures and recitations based on Remsen's Organic Chemistry.

Three hours second semester, elective after 1, but students are advised to precede this course by 2 and 3.

5 ADVANCED QUANTITATIVE ANALYSIS

The work in this course may be varied to suit the purpose and inclination of the student. Agricultural analysis, such as soils, fertilizers, and agricultural products. Select determinations from Sutton's Volumetric Analysis. Analysis of alloys, minerals of copper, zinc, etc.

Elective after 3. Hours to be arranged.

†Each laboratory period consists of two and one-half hours.

6 FOOD ANALYSIS AND SANITARY CHEMISTRY

This course consists of laboratory work with collateral reading. Among the subjects taken up are the analysis of milk, butter, baking powders and food stuffs. Sanitary chemical analysis of water. Bacteriological examination of milk and water. The detection of preservatives and coloring matter in milk and foods. The U. S. official methods are used as the basis of all analytical work.

Elective after 3. Hours to be arranged.

7 ORGANIC LABORATORY

This course is intended to accompany Course 4. The work consists of the synthetical preparation of many of the typical organic compounds, such as alcohol, ether, chloroform, aldehyde, iodoform, etc.

Orndorff's Laboratory Manual is used as the laboratory guide.

Elective under same conditions as 4. Hours to be arranged.

PHYSICS

I MECHANICS, HEAT AND SOUND

This is an elementary course pre-supposing only the mathematics required in the freshman year. The course is intended to give a general outline of the subject and is accompanied by such experiments as best illustrate the fundamental laws of physics. Special attention is paid to the solution of problems. In the laboratory each student performs such quantitative experiments as illustrate the work of the class room. Lectures, recitations, and laboratory work. Two class periods. One laboratory period.

Three hours first semester, elective after the freshman year.

2 ELECTRICITY, MAGNETISM, AND LIGHT

Continuation of Course I. Recitations, lectures; and laboratory work. Two class periods. One laboratory period.

Three hours second semester, elective after 1.

3 PHYSICAL LABORATORY

This course comprises quantitative physical measurements in Mechanics, Heat, Sound, Light, Electricity, and Magnetism. It is designed to give the student some knowledge of instruments and of the methods used in experimental work. Laboratory work.

Two hours first semester, must be preceded by 1 and 2.

4 ADVANCED PHYSICS

The work in this course is based on such general treatises as Barker's, Hastings and Beach's, and Ames' Theory of Physics.

Three hours throughout the year. Elective after Physics 1 and 2 and Mathematics 3.

GEOLOGY

1 GENERAL GEOLOGY

This course treats of the leading principles of the science, physio-graphical, structural, dynamical and historical geology. Economic geology. Study of coal, iron, building stone. Lectures, recitations, and field work.

Three hours second semester, elective for juniors or seniors.

2 MINERALOGY

A study of the more important minerals, illustrated by specimens and accompanied by practice in the determination of minerals. Lectures and laboratory work. Requires Chemistry 1.

Two hours second semester, elective for juniors or seniors.

3 ANTHROPOLOGY

A detailed study of the natural history of man ; comparison with the other orders of primates ; antiquity ; comparisons of the several races, their origin and distribution. Illustrated with lantern slides.

One hour first semester, elective after freshman year.

BIOLOGY

1 GENERAL BIOLOGY

Lectures, occasional class exercises, and laboratory work. This course is intended to give the student a general view of biological science and to acquaint her with the beginning of life and its development. Lectures will deal with such subjects as the cell in isolation and combination, the relations of plants and animals, heredity, and effects of environment. The laboratory work will be principally microscopic and intimately connected with the facts discussed in the lectures. It will include the examination of unicellular plants and animals, and that of more complex tissues.

Three hours first semester, elective for sophomores or juniors.

2 INVERTEBRATE ZOOLOGY

Lectures, text-book recitations, and laboratory work. This work will be both systematic and morphological. A study will be made of the great groups of animals from the Protozoa to the Vertebrate. Laboratory work will consist chiefly in the dissection of typical forms.

Three hours first semester, elective for those who have completed 1 or its equivalent.

3 VERTEBRATE ZOOLOGY

Lectures, text-book recitations, and laboratory work. The great classes of the vertebrates will be studied according to anatomy, classification, and life habits. Laboratory work will consist of an anatomical study of some of the typical forms and of some lessons in classification.

Three hours second semester, elective for those who have completed 1 and 2 or an equivalent.

4 ENTOMOLOGY

Lectures and class work. Anatomical study of the insects together with some collecting and classifying.

Two hours second semester, elective for those who have completed 1 and 2 or an equivalent.

5 BOTANY

Lectures, recitations, and laboratory work. This course will include work in structural, physiological, and systematic botany. Laboratory work will treat subjects such as germination, structure of organs, dissections of various plants, and classification. An herbarium of classified specimens will be required, also a carefully kept note book of laboratory work.

Three hours second semester, elective for sophomores or juniors.

6 COMPARATIVE HISTOLOGY OF PLANTS

Introduction to methods of investigation. Studies of the vegetable cell, its multiplication and contents. The development of primary tissues. Kinds of tissues. Comparative study of vascular tissues. Secondary thickening. Laboratory work.

Three hours second semester, elective after 5.

7 PHYSIOLOGY

Text book work is based on Martin's Human Body, supplemented by the study of charts and the manikin. Anatomical demonstrations of the vertebrate organs are given, and dissections made of lower animals.

Three hours first semester, elective for sophomores and juniors.

8 ADVANCED PHYSIOLOGY

The topics selected depend upon the previous training of the students, and as far as possible the preferences of the students are consulted. Occasional conferences are held for the discussion of essays prepared by the students and presenting the more important evidence concerning the fundamental problems of physiology. By this means it is hoped to familiarize the student with the literature and with the methods of investigation. Laboratory work.

Three hours second semester, elective after 7. (Omitted in 1904-5).

GROUP D

PHYSICAL CULTURE AND ELOCUTION

PHYSICAL CULTURE

The gymnasium is equipped for free work and light gymnastics, including work with wands, dumb bells, indian clubs, and chest weights.

A certain amount of systematic physical training is required of every student connected with the college. No student will be graduated who has not finished the prescribed work in the gymnasium, except that a modification of this requirement may be allowed upon the advice of the physician who has the oversight of this part of the college work. Upon entering the college every student is given a physical examination, with essential measurements, by the director of Physical Culture. From this examination a card is made out for the student, showing her size and development, and how she compares with the normal standard. Along with these data is given a card indicating how any weakness that may exist is to be remedied, and affording advice in reference to bathing and the general care of the body.

Every student not a senior is required to exercise three half hours a week in the gymnasium. The exercise occurs in classes. Every student, while exercising in the gymnasium, must wear a gymnasium suit of the pattern prescribed by the director. The movements executed are graded to correspond with the strength and advancement of the several divisions, and are carefully chosen from various systems to meet the needs of the students. The forms of exercise, carefully conducted, prove to be in the highest degree beneficial. Each student is regularly marked and credited in her gymnasium work on the basis of faithfulness and punctuality.

In addition to the exercises in the gymnasium, every effort is made to encourage interest in out door sports and participation in them at proper seasons of the year, while regular exercise in the open air through the whole year is urged upon students as of the very greatest importance. There are two graded courts for tennis, and a basket ball field. The college encourages, and the director superintends, field-sports of various kinds, including hockey and archery. All gymnastic work is done under supervision, in order to prevent over-exertion on the part of the students.

The athletic association is open to all members of the college and is under the direction of the department of physical culture.

The general health of the students is remarkably good, scarcely a case of severe illness has been known in the history of the college. For proper care in such slight ailments as may occur an infirmary is provided. It is large and open to the southern sun. It is well fitted with comforts for the sick, and careful nursing through all ordinary illnesses is given without extra charge.

1 FIRST YEAR COURSE

Floor work, free hand work, marching, running, gymnastic games, drills. Exercises for pose, carriage, and general symmetrical development.

Three half hours required.

2 SECOND YEAR COURSE

Continuation of the first year course.

Three half hours required.

3 THIRD YEAR COURSE

Advanced work in line of 1 and 2.

Three half hours required.

4 FENCING

Two half hours, elective after 2.

5 MEDICAL GYMNASTICS

A special course prescribed for students who are physically unable to take the work required of other students.

Three half hours.

ELOCUTION

The design of this department is to teach oratory as an art resting absolutely on the laws of nature, and to give thorough and systematic training in the principles upon which this art is founded. It aims to give a rounded development, to cultivate harmoniously the body, voice, and mind, and to enable the student to analyze, interpret and render with appropriate effect, all kinds of literary composition.

1 THE PRINCIPLES OF ARTICULATION

This course deals with the system of oral gymnastics, by which a distinct, firm, and fluent articulation can be acquired. The means of instruction for improving the quality of the speaking voice, are pointed out. Special attention is paid to the cure of nasality and other vicious habits of speaking. The common errors of articulation and the vulgarisms constantly heard in every-day speech are clearly defined. Students are required from time to time to read aloud in order that individual faults may be corrected. A special class will be formed to assist those students whose defects of articulation are so marked as to make it difficult for them to work with the other members of the class.

One hour throughout the year, elective.

2 EVOLUTION OF EXPRESSION

The methods of instruction as set forth in the graded steps of Emerson's Evolution of Expression are based upon the fundamental laws according to which the mind unfolds. The knowledge of evolution which has thrown light upon the creative processes of the universe is here employed in the development of power. With the class as an audience, the pupil is required at every step to produce positive results, and to depend for those results on her mental activity at the moment of speech. This feature of the work is fundamental, because it develops the orator's mind power; progressive, because it requires her to add something to her mind-power at every step; and practical, inasmuch as her progress is constantly tested by her ability to move an audience.

One hour throughout the year, elective for all students.

3 EVOLUTION OF EXPRESSION, (Continued)

Study of scenes from Shakespere.

One hour throughout the year, elective after 2.

4 POETIC INTERPRETATION

The final perfecting of the orator and expressive reciter or reader comes from moulding her powers in accordance with these laws. First of all, these laws define what art is ; secondly, when used as criteria they determine the rank or value of each work of art ; thirdly, they furnish the ideal which the student of art should aim to realize in his work. The text book used is Emerson's Perfective Laws of Art. Drill work and criticism is given to enable the student to realize the perfect criteria. Study of the natural laws underlying them. Interpretative study of epic, lyric, and dramatic poetry. Verse forms, tune and rhythm.

One hour throughout the year, elective after 3.

SCHOOL OF MUSIC

A. CAMERON MACKENZIE, D.D., PRESIDENT

GEORGE MORGAN McKNIGHT

Director of Music School

Voice and Organ

MARY SELENA BROUGHTON

Piano, Harmony and History of Music.

SARAH SHATTUCK VERRILL

Piano

GRACE A. SHAW

Piano

GERTRUDE FITCH GUION

Voice and Sight Singing

LOUIS J. BOSTELMANN

Violin

The School of Music occupies the Gillett Memorial Building, the generous gift of Mr. Solomon Gillett, of Elmira, which affords ample accommodations for practice and instruction.

The purpose of the Music School is to give the best facilities for students who desire to pursue any branch of music, practical or theoretical, and to furnish the best possible opportunities for the study of Piano, Organ, Violin, Voice, and Harmony.

ADMISSION OF STUDENTS.

Students may pursue musical studies exclusively without being otherwise connected with the college.

Students connected with the academic department are allowed to choose music as an elective study under conditions governing all other electives. Three hours of music practice are equivalent to one hour of recitation, and may be counted on Group C or Group D, but students working for a degree in the academic department cannot elect music to count as recitation for more than two hours in one semester.

DEGREE

The degree of Bachelor of Music will be awarded only for graduate work of such quality as will meet the approval of the faculty.

DIPLOMA

Students who complete any of the following courses of study can receive the diploma of the department of music.

While the theory of music is not required, the necessity of some knowledge of harmony for music students is so obvious that all students are advised to devote at least one year to this study, and the music students are also advised to take as many academic courses of study as possible.

Public and private concerts by the musical faculty and students are given frequently, to enable the latter to hear other works than those they are studying, and to receive the benefit that comes from performances with and before other musicians. Recitals and concerts by famous performers are arranged from time to time, and are open to students of the School of Music.

Advantages are offered to those who wish to become church organists. The course includes not only solo playing, but also instruction in choir accompaniment and direction from teachers of practical experience in those departments.

PIANO

COURSE 1

Technical Exercises. Major and Minor Scales. Arpeggios in octaves. Czerny's Op. 489; Kullak's Octave School, Book I; Selections from Heller's Studies.

Pieces. Sonatinas by Clementi, Kuhlman. Easy sonatas by Haydn, Mozart. Songs Without Words by Mendelssohn. Solo pieces by modern composers.

COURSE 2

Studies. Technical Exercises. Mason's Touch and Technique. Study of Scales. Arpeggios on the triad and chord of the dominant seventh. Kullak's Octave School, Book I. Czerny's Op. 299, two books. Selections from Heller's Studies. Bach's Two-Part Inventions, and Little Preludes.

Pieces. Sonatas by Mozart and Haydn. Beethoven's Rondo in C. Songs Without Words and Caprices by Mendelssohn. Modern pieces by Gade, Jensen, Kirchner, Godard, and others.

COURSE 3

Studies. Mason's Touch and Technique. Kullak's Octave School, Book II. Czerny's 40 Daily Studies. Cramer's Studies, (Bulow.)

Pieces. Prelude and Fugue in C Minor by Bach. Beethoven's Sonatas Op. 2, No's. I, II, and III. Selections from Weber, Schumanu, Chopin, Mendelssohn, Raff, and other composers.

COURSE 4

Studies. Cramer's Studies (Bulow). Clementi's Gradus ad Parnassum. Czerny's 40 Daily Studies. Chopin's Studies.

Pieces. Preludes and Fugues by Bach. Sonatas by Beethoven ; Concertos by Weber, Mendelssohn, and Beethoven. Difficult work by Chopin, Raff, Schumann, Saint-Saens, Moskowski, Liszt, and others.

ORGAN

COURSE I

Manual studies in two, three, and four parts, by Thayer, Lemmens, Guilmant, Ritter and others ; beginning of pedal playing with studies by Thayer, Buck, Rinck ; easy pieces by composers of the German, French, and English schools ; fundamental principles of registration.

COURSE 2

Choral preludes by Bach, Merkel, and others ; Buck's studies in pedal phrasing ; easy Preludes and Fugues by Bach ; moderately difficult pieces by Hesse, Merkel, Wely, Guilmant, Batiste, Smart, and others ; transcriptions by Best.

COURSE 3

Handel's Concertos ; Mendelssohn's second Sonatas ; Preludes, Fugues, and Choral Vorspiele by Bach ; concert pieces by the best German, French, and English masters ; registration and choir accompaniment.

COURSE 3

Preludes, Fugues, and Toccatas by Bach ; Merkel's Sonatas ; Chromatic Fantasie and Fugue ; Rheinberger's Sonatas ; difficult concert pieces and transcriptions by Lemmens, Guilmant, Widor, Saint-Saens, Best, Whiting, and Eddy.

HARMONY AND MUSICAL THEORY

In this course will be taught the principles of tone relation and combination, as included in the following divisions: Formation of the scales, major and minor; chromatic and enharmonic intervals; consonances and dissonances; simple triads and their inversions; primary and secondary seventh chords in their original and inverted positions; suspensions; organ point; passing-notes and passing-chords; hidden fifths and octaves; cross relation; closing cadence; chromatically altered chords; modulation.

VOICE

The old Latin or Lamperti method, as taught by William Shakespere, of London, is employed mainly in the formation of the singing voice; but the best features of other methods are used, according to the needs of the student.

COURSE 1

Technical drill; sight reading; elementary studies of Sieber, Concone, Marchesi; simple songs.

COURSE 2

Technical drill; sight reading; advanced studies of Concone, Garcia, Lutgan, Bonoldi; songs by the best composers; simple scenes and arias from operas, cantatas and oratorios.

COURSE 3

Technical drill; sight reading; studies of Lamperti, Panofka, Mazzoni, Rossini; songs of Schubert, Schumann, Mendelssohn, Franz; larger selections from operas and oratorios.

COURSE 4

Technical drill; sight reading; difficult concerted pieces; songs by various composers, classic and modern.

TERMS OF EACH SEMESTER

PAYABLE IN ADVANCE

Piano, three half-hour lessons a week.	\$50 00
Piano, two half-hour lessons a week.	35 00
Piano, two half-hour lessons a week (Primary)	17 00
Organ, two half-hour lessons a week	60 00
Organ, one half-hour lesson a week.	32 00
Vocal Culture, three half-hour lessons a week.	85 00
Vocal Culture, two half-hour lessons a week.	60 00
Vocal Culture, one half-hour lesson a week	32 00
Harmony, two half-hour lessons in class	10 00
History of Music, in class	5 00
Use of Piano or Organ for two hours or less of daily practice . . .	5 00
Use of Piano or Organ for more than two hours and not to exceed four hours of daily practice.	10 00

The Choral Class is free to all music students and to all students in the regular college course.

ART SCHOOL

CLARA W. COWLES, *Director of Art School*

The aim of the Art School is to give practical and theoretical instruction in drawing, painting, design and decoration. The art studios occupy the upper floor of the main building. They are well arranged and are furnished with models and casts adapted for the study of art.

COURSE OF STUDY

COURSE 1

Drawing in black and white. Water color painting from geometrical and ornamental designs.

COURSE 2

Drawing from casts (antique and ornamental). Drawings from models of parts of the human figure.

COURSE 3

Antique. Drawing from full length statue. Still life painting in oil and water colors.

COURSE 4

Drawing and painting from the draped model, life. Landscape sketching.

Classes for outdoor sketching and modeling in clay will be formed as required. Other courses will be given to those who desire advanced work.

EXPENSES FOR EACH SEMESTER

Drawing or Painting.	\$35 00
Oil Painting from Life.	50 00

STUDENTS

SENIOR CLASS

Ackley, Mabel.	Elmira.
Allen, Genieve Marie.	Owego.
Allen, Matilda Clark.	Marion, Mass.
Amick, Marion.	Cumberland, Md.
Bandfield, Clara Marie.	Van Etten.
Bodle, Elizabeth Hoag.	Owego.
Davis, Daisy Jessie.	Elmira.
French, Ernestine Hoyt.	Elmira.
Gilbert, Edith Lucy ..	Elmira.
Gilbert, Grace Winifred ..	Elmira.
Hancock, Mary.	Cheshire, Mass.
Hanson, Edna Jane. .	Horseheads.
Ingraham, Nelle Seney.	Elmira.
King, Marion Elizabeth.	Constantia.
Lewis, Mabel Dana.	Tunkhannock, Pa.
MacKenzie, Christina E.	Elmira.
Montgomery, Florence.	Dryden.
Morse, Nellie.	Elmira.
Moss, Bertha. .	Elmira.
Nafe, Julia May.	Elmira.
Preston, Nina M.	Attica.
Sayre, Catharine.	Horseheads.
Sheeley, Ethel A.	Liberty.
Wallace, Della Fannie.	Elmira.
Wixon, Helen Amanda.	Elmira.
Young, Sara Louise.	Wellsboro, Pa.

JUNIOR CLASS

Barber, Fannie Louise.	Portland, Oregon.
Bartholomew, Helen.	Elmira.
Bates, Sylvia Chatfield.	Schenectady.
Blades, Florence Elizabeth.	Elmira.
Clark, Mabel Louise.	Avon.
Cleveland, Anna May.	Elmira.
Diven, Eugenia Lee.	Elmira.
Goodhart, Martha Gregg.	Lewistown, Pa.
Gray, Elva Bessie.	Elmira.
Green, Lucy LaFayette.	Westfield, N. J.
Griffin, Annah Louise.	Big Flats.

Hinkley, Mary..	Poughkeepsie.
Howe, Daisy Abigail.....	Gardner, Mass.
Long, Adda McDaniels.....	Mechanicsburg, Pa.
Maxwell, Effie P.....	Oshkosh, Wis.
Metzger, Mary Woodward.....	Elmira.
Rockwell, Rena.....	Elmira.
Seeley, Gertrude Daphne	Osceola, Pa.
Spring, Edna E	Elmira.
Termansen, Clara A.....	Stony Point.
Wheeler, Ethel May.....	Haverstraw.

SOPHOMORE CLASS

Adriance, Linnette Angevine.	Elmira.
Barnes, Florence Spencer.. ..	Watkins.
Bennett, Bernice.....	Howard.
Calkins, Stella Carrie... ..	Elmira.
Cameron, Charlotte Isabelle... ..	Buffalo.
Carr, Jane Louise.....	Elmira.
Cox, Marguerite Ellen	Cleveland, O.
Ganung, Nina M.....	Moreland.
Goodrich, Mary Emily.	Elmira.
Goss, Genevieve Iola.....	Milwaukee, Wis.
Hager, Margaret Amelia... ..	Elmira.
Hubbell, Fanny Beatrice... ..	Elmira.
Hubbell, Helen Louise	Elmira.
Hulburd, Ethel O.....	Brasher Falls.
Isham, Maud	Avon.
Kirley, Mary Pauline.	Lowville.
Lattin, Pearl A.....	Elmira.
MacKay, Norma A.....	Addison.
Peters, Augusta F.....	Attica.
Rice, Bessie Sutherland.....	Elmira.
Sanders, Dora M.....	Elmira.
Seaver, Edith F.....	Wyoming.
Stewart, Adelaide.....	Silver Creek.
Wheeler, Ursula Anna.....	Hancock.
Wise, Henrietta Caroline.....	Auburn.
Yates, Fanny.....	Elmira.

FRESHMAN CLASS

Aiken, Ethel Sophia	Elmira.
Albertson, Anna Rachel.....	Elmira.
Allen, Helen J.....	Elmira.
Baker, Leala Dickinson.....	Bradford, Pa.

Beardslee, Bertha Marion	Elmira.
Belknap, Julia Norma	Autumn Leaves, Pa.
Bell, J. Lulu	Auburn.
Block, Elfrieda F	Elmira.
Brooks, Rachel Gleason	Horseheads.
Buck, Myra Arline	Sugar Hill.
Bushnell, Gertrude	Rockville Center.
Carr, Florence Delavan	Elmira.
Coe, Nettie	Horseheads.
Dense, Mertie M	Elmira.
Flanagan, Teresa A	Elmira.
Fraley, Blanche A	Geneseo.
Ham, Norma Maude	Elmira.
Hammond, Agnes R	Wyoming.
Harrison, Catherine A	Wellsboro, Pa.
Harshaw, Helen	West Pittston, Pa.
Hooker, Bessie	Elmira.
Inksater, Frances	Elmira.
Keane, Mary Elizabeth	Elmira.
Ladd, Jean	Victor.
Monroe, Kate Swain	Dryden.
Mowrey, Pearl Alfrida	Elmira.
Mulford, Edna Gertrude	Elmira.
Munroe, Bessie Anna	Elmira.
Murray, Laura V	Sayre, Pa.
O'Connor, Florence	Elmira.
Paxson, Anna Louise	Elmira.
Prentice, Pearl Marie	Newark Valley.
Reeder, Julia Ellen	Big Flats.
Richmond, Margaret L	Boonton, N. J.
Roberts, Mary H	Elmira.
Saunders, Fenella	Elmira.
Sawtelle, Sara	Athens, Pa.
Scobey, Marguerite Nelson	Watkins.
Smith, Martha E	Seneca Falls.
Snyder, Loretta B	Horseheads.
Spaulding, Helen	Elmira.
Sullivan, Anna E	Elmira.
Tashjian, Elizabeth Mabel	Elmira.
Thurston, Helen M	Athens, Pa.
Van Buskirk, Ethel	Appleton City, Mo.
Weeks, Josephine Madge	Spencer.
York, Evelyn Frances	Oil City, Pa.

SPECIAL STUDENTS

Bradford, Isabella J.	Columbus, O.
*Brown, M. G.	Elmira.
*Bruce, Grace.	Elmira.
Goodrich, Viva May.	Port Jervis.
Hilton, May Atwood.	Waverly.
McDowell, Elizabeth B.	Elmira.
Riggs, Elizabeth.	Elmira.
Sixby, Grayce H.	Horseheads.
*Turner, Welthea.	Elmira.
Young, Jane Alva.	Ridgewood, N. J.

MUSIC SPECIALS

Amick, Marion.	Cumberland, Md.
Allen, Matilda Clark.	Marion, Mass.
Barber, Fannie Louise.	Portland, Oregon.
Bacon, Lucy.	Elmira.
Barker, Edna.	Elmira.
Barron, Mrs. W. D.	Rochester.
Beck, Lillian.	Elmira.
Beck, Edna.	Elmira.
Beekman, Josephine.	Dundee.
Benson, Teresa.	Elmira.
Bernstein, Pearl.	Elmira.
Billings, Hazel.	Elmira.
Blood, Mary.	Waverly.
Bradford, Isabella J.	Columbus, O.
Brooks, Emma Susan.	Fairport.
Brophy, Claire.	Elmira.
Brown, Harryet.	New Berlin.
Buckley, Gertrude.	Elmira.
Burt, Anna.	Elmira.
Burt, Ellen.	Elmira.
Cary, Mildred.	Elmira.
Chamberlain, Elizabeth.	Elmira.
Cole, Mrs. W. W.	Elmira.
Collins, Elsie.	Elmira.
Cox, Margaret.	Elmira.
Crandell, Jean.	Millport.
Crocker, Mrs. E. B.	Elmira.
Crook, Mariana.	Bath.
Diehl, Sara.	Elmira.

*Students working for the second degree.

Diven, Eugenia.....	Elmira.
Diven, Vieve.....	Elmira.
Edwards, Georgina.....	Elmira.
Eisenhart, Carrie.....	Horseheads.
Fassett, Margaret.....	Strathmont.
Fowler, Carrie	Elmira.
Fraley, Blanche A.....	Geneseo.
Ganung, Nina M.....	Moreland.
Gleekler, Myrtle.....	Elmira.
Goodrich, Viva May.....	Port Jervis.
Goss, Genevieve Iola.....	Milwaukee, Wis.
Harding, Bertha.....	Elmira.
Hilton, May Atwood.....	Waverly.
Hilton, Rena.....	Elmira.
Hinkley, Mary.....	Poughkeepsie.
Hislop, Grace.....	Elmira.
Holt, Ethel.....	Sayre, Pa.
Homer, Dorothy.....	Elmira.
Inksater, Frances.....	Elmira.
Inksater, Orla May.....	Elmira.
Johnson, Mary L.....	Waverly.
Keck, Emelya.....	Elmira.
Lewis, Edna	Elmira.
Lewis, Mabel.....	Tunkhannock, Pa.
Lyon, Edith M.....	Waverly.
MacCarrick, M. Louise.....	Elmira.
MacKay, Norma	Addison.
MacKenzie, Christina.....	Elmira.
Maney, Elizabeth C.....	Athens, Pa.
Marshall, Bernice.....	Horseheads.
Mason, Elizabeth.....	Elmira.
Mattison, Maud V.....	Winsted, Conn.
McCann, Jennie.....	Elmira.
McCarthy, Sara.....	Elmira.
Miller, Christina.....	Elmira.
Morrow, Mabel.....	Elmira.
Mowrey, Pearl	Elmira.
Munsell, Elizabeth.....	Elmira.
Munsell, Lydia.....	Elmira.
Ott, Miriam.....	Sayre, Pa.
Pelkey, Cecelia	Seattle, Wash.
Pratt, Sara.....	Elmira.

Reid, Blanche.....	Elmira.
Rexford, Mrs. C. H.....	Wellsboro, Pa.
Riggs, Elizabeth....	Elmira.
Robinson, Emma DeVoe.....	Elmira.
Sadler, Harriet.....	Elmira.
Sayre, Catharine Gordon.....	Horseheads.
Scrimgeour, Helen....	West Pittston, Pa.
Seeley, Mary Stuart.....	Elmira.
Shannon, Marie....	Elmira.
Shaw, Grace.....	Elmira.
Sheeley, Alta....	Elmira.
Sheirer, Nellian.	Elmira.
Sheive, Blanch.....	Elmira.
Slocum, Beatrice.....	Daggett, Pa.
Spaulding, Alice Caroline.	Norwich,
Swarthout, Jennie	Elmira.
Tinkelpaugh, Ethel.....	Elmira.
Walker, Maude	Elmira.
Wise, Henrietta C....	Auburn.
Wixon, Carolyn	Elmira.
Young, Jane Alva	Ridgewood, N. J.
Zimmermann, Josephine.....	Elmira.

SUMMARY

Senior Class.....	26
Junior Class.....	21
Sophomore Class.....	26
Freshman Class.....	47
Special Students.....	10
Total in College	130
Music Students.....	93
	<hr/> 223
Names repeated	21
Total number of students.....	<hr/> 202

SCHEDULE OF APPOINTMENTS FOR 1904-5.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
8 to 8.50	English (2) and (4) Mathematics (5) and (8)	German (6) French (6) and (7) History (1) Roman Archæology	Latin (6) French (8) History (1)	German (6) French (6) and (7) English (2) Mathematics (5) and (8)	Mathematics (8) History (1) Roman Archæology
8.50 to 9.45	Latin (3) and (5) Greek (4) and (5) Italian (1) Philosophy (3) and (4) Biblical Literature (1) Geology	Old English (2) Greek (2) or (3) German (2) French (2) Mathematics (1) and (2) Astronomy Chemistry (3) Mineralogy	Latin (4) German (2) French (2) English (3) Philosophy (3) and (4) Mathematics (1) and (2) Anthropology Geology	Latin (3) and (5) Greek (4) and (5) German (2) French (2) Mathematics (1) and (2) Geology	Greek (2) or (3) German (2) French (2) English (3) Mathematics (1) and (2) Astronomy Mineralogy
9.50 to 10.40	Latin (13) Greek (1) German (3) French (3) English (6) Old English (1) Mathematics (3) and (4) Biology (4)	Latin (11) and (12) Italian (2) English (1) English Literature (4) & (5) Mathematics (3) and (4) Sociology	Latin (13) Greek (1) German (3) French (3) English (6) Old English (1) Philosophy (1) Mathematics (3)	Latin (11) and (12) Italian (1) English (1) and (4) Mathematics (3) and (4) Biology (4)	Latin (13) Greek (1) German (3) French (3) Old English (1) Philosophy (1) Mathematics (5) Sociology Biology (7)
10.45 to 11.35	Latin (1) and (2) Spanish (1) English Literature (3) History (5) Physics (1) and (2)	Latin (1) and (2) Greek (8) Spanish (2) English Literature (6) & (7) Mathematics (6) and (7) Chemistry (1) and (2)	Latin (2) Greek (8) German (7) and (8) Biblical Literature (2) & (3)	Latin (1) and (2) English Literature (3) Biblical Literature (2) & (3) Physics (1) and (2)	Greek (8) Spanish (2) English Literature (6) & (7) Mathematics (6) and (7) Chemistry (1)
11.40 to 12.30	Latin (7) & (8) or (9) & (10) Greek (7) German (1) French (1) Philosophy (2) and (5) Mathematics (1) and (2) Political Economy.	Greek (7) German (1) French (1) Philosophy (2) and (5) Mathematics (1) and (2) Biology (1)	History (5) Philosophy (2) Mathematics (1) and (2) Biology (5)	Latin (7) & (8) or (9) & (10) Greek (7) German (1) French (1) History of Education Pedagogy Political Economy	Greek (7) German (1) French (1) Philosophy (2) and (5) Mathematics (1) and (2) Biology (1)
1.50 to 2.40	German (4) French (4) History (2) Art History Biology (2) and (3)	German (5) French (5) English (5) and (7) Biology (5) and (7)	Spanish (1) English Literature (1) & (2) History (2) Art History	German (4) French (4) Art History Biology (2) and (3)	German (5) French (5) English Literature (2) Art History
2.45 to 3.35	Greek Archæology Chemistry (1, (2,) (3) Biology (6) or (8) Gymnasium	History (3) and (4) Physics (1) and (2) Biology (2) and (3)	Chemistry (1, (2) and (3) Biology (7) and (8) or (6) Gymnasium	Biology (1) and (5) Physics (3) Gymnasium	History (3) and (4) Italian (2) Chemistry (2) and (4) Biology (6) or (8) Physics (3)



CATALOGUE

ELMIRA COLLEGE



FIFTIETH YEAR

1904-1905

ELMIRA, N. Y. :
ADVERTISER ASSOCIATION, PRINTERS.
1904.

CORRESPONDENCE

Requests for the annual catalogue and inquiries relating to expense and to the engagement of rooms should be addressed to the REGISTRAR.

Inquiries concerning conditions of entrance, whether by examination or certificate, and correspondence bearing upon the general interests of the college, or upon any of its departments, should be addressed to the PRESIDENT.

Communications in reference to details of instruction in the college, and to the health and welfare of students should be addressed to the DEAN.

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COLLEGE CALENDAR

1905

College Exercises begin Wednesday, January 11, 8 a. m.

Day of Prayer for Colleges, Thursday, January 26.

Second Semester begins Monday, February 6, 8 a. m.

Founders' Day, Saturday March 4.

Spring Recess begins Friday morning, March 31.

College Exercises begin Wednesday, April 12, 8 a. m.

Fiftieth Commencement, Wednesday June 14.

Entrance Examinations June 15.

College opens September 20.

Registration for students, Thursday, September 21, 9 to 11 a. m.

College Exercises begin Friday, September 22, 9 a. m.

Thanksgiving Day, Thursday, November 30.

Thanksgiving occurs so near to the Christmas recess that only the day will be observed as a holiday.

Winter Holidays begin Thursday morning, December 21.

1906

College Exercises begin Wednesday, January 10, 8 a. m.

Day of Prayer for Colleges, Thursday, January 25.

Second Semester begins Monday, February 5, 8 a. m.

Founders' Day, Saturday, March 3.

Spring Recess begins Friday morning, March 30.

College Exercises begin Wednesday, April 11, 8 a. m.

Fifty-first Commencement, Wednesday, June 13.

1905.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1905.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1906.	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Jan.	1	2	3	4	5	6	7	July	..	..	..	..	..	..	1	Jan.	..	1	2	3	4	5	6
	8	9	10	11	12	13	14		2	3	4	5	6	7	8		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		9	10	11	12	13	14	15		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		16	17	18	19	20	21	22		21	22	23	24	25	26	27
Feb.	29	30	31	..	..	..	..	Aug.	23	24	25	26	27	28	29	Feb.	28	29	30	31	..	..	..
	5	6	7	8	9	10	11		30	31	..	..	..	..	..		4	5	6	7	8	9	10
	12	13	14	15	16	17	18		6	7	8	9	10	11	12		11	12	13	14	15	16	17
	19	20	21	22	23	24	25		13	14	15	16	17	18	19		18	19	20	21	22	23	24
	26	27	28	..	..	..	..		20	21	22	23	24	25	26		25	26	27	28	..	..	..
Mar.	..	..	..	1	2	3	4	Sept.	27	28	29	30	31	..	..	Mar.	..	..	..	..	1	2	3
	5	6	7	8	9	10	11		..	..	..	..	..	1	2		4	5	6	7	8	9	10
	12	13	14	15	16	17	18		3	4	5	6	7	8	9		11	12	13	14	15	16	17
	19	20	21	22	23	24	25		10	11	12	13	14	15	16		18	19	20	21	22	23	24
	26	27	28	29	30	31	..		17	18	19	20	21	22	23		25	26	27	28	29	30	31
Apr.	..	..	..	..	..	..	1	Oct.	24	25	26	27	28	29	30	Apr.	1	2	3	4	5	6	7
	2	3	4	5	6	7	8		1	2	3	4	5	6	7		8	9	10	11	12	13	14
	9	10	11	12	13	14	15		8	9	10	11	12	13	14		15	16	17	18	19	20	21
	16	17	18	19	20	21	22		15	16	17	18	19	20	21		22	23	24	25	26	27	28
	23	24	25	26	27	28	29		22	23	24	25	26	27	28		29	30	..	..	..	..	..
	30	..	..	..	..	..	..		29	30	31	..	..	..	..	May	..	..	1	2	3	4	5
May	..	1	2	3	4	5	6	Nov.	..	..	..	1	2	3	4		6	7	8	9	10	11	12
	7	8	9	10	11	12	13		5	6	7	8	9	10	11		13	14	15	16	17	18	19
	14	15	16	17	18	19	20		12	13	14	15	16	17	18		20	21	22	23	24	25	26
	21	22	23	24	25	26	27		19	20	21	22	23	24	25		27	28	29	30	31	..	..
	28	29	30	31	..	..	..		26	27	28	29	30	..	..	June	..	..	..	..	..	1	2
June	..	..	..	..	1	2	3	Dec.	..	..	..	..	..	1	2		3	4	5	6	7	8	9
	4	5	6	7	8	9	10		3	4	5	6	7	8	9		10	11	12	13	14	15	16
	11	12	13	14	15	16	17		10	11	12	13	14	15	16		17	18	19	20	21	22	23
	18	19	20	21	22	23	24		17	18	19	20	21	22	23		24	25	26	27	28	29	30
	25	26	27	28	29	30	..		24	25	26	27	28	29	30		..	..	..	..	..	..	..
	..	..	..	..	..	..	..		31	..	..	..	..	..	..		..	..	..	..	..	..	..

BOARD OF TRUSTEES

TERM EXPIRING IN 1905

REV. AUGUSTUS W. COWLES, D.D., LL.D.

REV. ISAAC JENNINGS, D.D.

A. CAMERON MacKENZIE, D.D., LL.D.

MALLORY D. SCHOONMAKER

H. AUSTIN CLARK

HUBERT C. MANDEVILLE, A.B.

MRS. HELEN M. McWILLIAMS, A.B.

TERM EXPIRING IN 1906

ELMER DEAN

MRS. HOWARD ELMER, A. B.

WILLIAM S. TRUMAN

F. M. HOWELL

ARTHUR CLINTON

ALEXANDER DAVIDSON

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Curator of Museum

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HISTORY

The founding of Elmira College marked the commencement of a new era in the higher education of women. The quarter of a century immediately preceding had witnessed noble and successful efforts in establishing seminaries, some of which were of great excellence and of high grade. These mainly depended upon the personality of their proprietors, chiefly women, whose high character and executive skill gave them deserved success. It was, however, impossible to transfer to successors the personal influence, the affection of pupils, and the educational skill which gained the well-earned reputation of the founders, who, in many instances, after a period of successful labor, retired with a fair competence, leaving the seminary as a new business enterprise to some one else. There was no accumulation of educational forces, no conservation of what had been gained, no expectation of permanence and increased value.

The success of the seminaries, limited as it necessarily was, led thoughtful men to argue that permanent institutions were needed which might center the accumulated interest of successive years, and establish it as an element of wider success, such as existed in the colleges long since endowed for the education of men.

It was also believed that the associated college life, with its varied friendships, its class feeling, its society intimacies, and its loyal love for Alma Mater, might be of very great value in the education of women. It was believed to be possible to furnish an almost ideal home life in a well regulated Christian college for women, which might be and ought to be a constant training in self-control, spontaneous kindness, and mutual helpfulness; not by compulsory drill, but by feeling that it is perfectly safe to trust and love each other. So that college life might be the best preparation for a future home life, for Christian social life, and also be a superior professional preparation for teachers.

Such was, in general principles, the ideal before the minds of those who resolved to take the next step upward, from the highest and best seminaries, to a true college for women.

In the year 1851 a number of distinguished ministers and laymen, under the inspiration and leadership of the Rev. Samuel Robbins Brown, met in Albany to consider the matter of establishing a real college for women, in advance of the best female seminaries and designed to furnish a much higher systematic education by a college faculty, with a permanent organization into special departments, and with endowments which should secure a continued and increasing growth, as well as a permanent place and honorable rank among the valuable and distinguished institutions of the country. Dr. Wyckoff, Hon. Amos Dean, and Hon. Luther Tucker of Albany, Dr. Beaman of Troy, Dr. Mandeville of Hamilton College, Dr. Hickok of Auburn, Dr. Hogarth and Prof. Boyd of Geneva, Dr. Kendrick of Rochester, and other prominent educators, gave the enterprise their hearty approval and co-operation. After careful consideration, it was resolved to establish a college for women somewhere in the state of New York. In the following year, 1852, a charter was obtained locating the institution at Auburn, with the title Auburn Female University, with an able board of trustees from all parts of the state representing the various Christian denominations. A financial secretary was put into the field to gather subscriptions and to enlist the Christian public in this new institution. The secretary was the Rev. Harvey A. Sackett.

No account of the early days of the college can be compiled without calling special attention to the name of one conspicuous worker in the cause of the higher education of women. The Rev. Samuel Robbins Brown, of an ancestry eminent in educational work, after his graduation from Yale in 1832, gave a long life to the uplifting of mankind and became well known as a great pioneer educator and organizer in China and Japan. In the initiatory movement toward organizing a college for women he was one of the most efficient

workers. He was chairman of its first executive committee and was active in securing a site for the college as well as in obtaining funds for its founding. He with Dr. Boyd of Geneva, and Dr. Kendrick of Rochester, determined upon the course of study to be pursued, a course at that time the most advanced ever offered to woman by any institution.

The practical problems of the founders of this pioneer college were often serious, great difficulty was encountered in raising funds. The new era of great donations had not yet come. With an encouraging prospect of pecuniary help from Elmira, the question of location was reconsidered and the proposed institution transferred from Auburn to Elmira in 1853, and chartered in 1855 as the Elmira Female College. Mr. Simeon Benjamin, an elder in the First Presbyterian Church, became warmly interested in the enterprise. He became chairman of the board of trustees and also treasurer of the college, and by his able financial management, generous advances, and gifts of much needed funds at critical times, he gained for the college its secure though moderate pecuniary success.

Believing that a liberal initial equipment was a necessity, the college authorities determined to secure it. In consequence of this policy the college had been opened with a debt of nearly forty thousand dollars, more than half of which was owed to Mr. Simeon Benjamin, and a considerable part of the remainder to his personal friends in New York and on Long Island. After a few years Mr. Benjamin released the college from twenty-five thousand dollars of its obligation on condition that the college be placed under the synod of Geneva, with the provision that the evangelical denominations should always be represented upon the board.

The donations and legacy of Mr. Benjamin, through the first ten years of the college history, amounted to the sum of \$80,000. During this period the college also received from the legislature \$35,000, from the Maxwell brothers, Geneva, \$10,000, and later from the Marquand estate \$25,000, and from subscriptions at various times \$100,000, making a total

of \$250,000, in the years preceding the present administration, besides the gift of the Gillett Memorial Hall, by bequest of Solomon L. Gillett. But this all came so slowly that the college soon labored under great difficulty in putting itself in favorable comparison with the colleges for women which after a few years began to appear in the eastern states, and which were either endowed heavily, or supported by large annual gifts.

It has, perhaps, proved not altogether unfortunate that through its history Elmira College has been compelled by comparatively limited means, as well as by conscientious principle, to offer excellence of instruction and the best possible training of the personal character of students as its most important attractions, so that while waiting anxiously for donations and legacies it might become more and more clear that the college was unquestionably worthy of them and would surely make the best possible use of them.

The college was opened under the presidency of the Rev. Augustus W. Cowles, D.D.; LL.D., a graduate of Union College in the class of 1841, and of Union Theological Seminary in 1846. There were associated with him seven professors and it was his earnest endeavor to sustain by their aid a good standard in college requirements. In fact it is a matter of tradition dating from these earliest days of the pioneer leaders, that in standards of scholarship Elmira has always taken a firm position. In 1857 the freshman class pursued the following required studies, at that time a very advanced course of required study in an institution for women, classes usually reciting four or five lessons each week: Cicero's orations, Kuhner's Greek grammar, Davies's university algebra, descriptive astronomy, critical reading of English poets, outlines of ecclesiastical history, botany, Mrs. Somerville's physical geography, philosophy of history, and a Sunday lesson in Nichols' "Helps to Bible Study."

In the sophomore class: Latin and Greek were continued; geometry, plane, solid, and spherical, was completed; po-

litical economy, civil government, rhetoric, and natural philosophy were studied.

The junior class studied trigonometry, chemistry, the French and German languages, with English literature, Kame's criticism, logic, geology, and mineralogy.

The senior class (with no electives) continued the French and German languages and English literature through the year, also studied conic sections and mathematical astronomy, mental science, application of science to useful arts, moral philosophy, Paley's Natural Theology, Butler's Analogy, with a Sunday lesson in Gregory's Evidences of Christianity. This course of study was designed by experienced college men as one fully equivalent to the regular four years' course of study at that time required in the best colleges for men. The less amount of Latin and Greek was believed to be fully compensated by an extensive and thorough study of the modern languages, a study which was not required at that time by any other college in the state, and by extended courses in English literature and in history, ethics, and Christian evidences. If Elmira could have been supplied with students well prepared for the freshman class, the course of study above described could have been made the ideal course for women at that time.

The difficulty of the students' inadequate preparation for college work made it advisable for the college to control a preparatory school, and it early founded and for many years maintained an academy in connection with the college. As the improved public schools relieved the necessity for this adjunct, it was abandoned, and the energies of the executive body were directed wholly to the widening of the curriculum and to the increase of equipment.

In 1889, after thirty-five years of service, Dr. Cowles retired from the active work of the presidency, to continue, as a professor of Biblical literature and of æsthetics, his service to the institution and his association with Dr. Ford, the friend who stands second only to him in the length of his connection with the college. In the early years of the college

Dr. Cowles very fortunately associated with himself the Rev. Darius R. Ford, D.D., as professor of the natural sciences, and since 1863 Dr. Ford has been intimately connected with college affairs and upon him has depended in no small part the success and prosperity of the management. Through his influence and enthusiasm the collections for the museum already begun by his predecessor, Professor Charles S. Farrar, as early as 1857, were greatly enlarged, and so classified and arranged as to be made available for use by college classes. These collections, of which the college is justly proud, are now placed in the museum and remain a monument to the effort and self-sacrifice which they have cost.

It is due to the large-hearted and far-sighted men who had the wisdom to plan and the courage to lay such broad foundations of college life for women, that Elmira College has stood consistently for ideals of fearlessness and earnestness and for reverence for the highest things of life, and that though among women's colleges it is the oldest, it has remained progressive in spirit through all its history.

When Dr. Cowles retired from the presidency the difficult problem of finding an able successor had to be faced, and the best efforts of the trustees resulted only in several brief administrations. The Rev. Wilson Phraner, D.D., entering hopefully upon his office in the autumn of 1889, was forced after a few months to retire because of failure of health. The Rev. C. Van Norden, D.D., who followed President Phraner, was soon in turn succeeded by the Rev. Rufus S. Green, D.D., a man of social gifts, who in his brief administration from 1893 to 1895, endeared himself to the students of the college and to the people of Elmira, and added to the financial resources of the college.

Feeling the embarrassment of the frequent change of administrative policy, the friends of the college, upon the retirement of President Green, would consent to no appointment not likely to be permanently satisfactory. Dr. Cowles, notwithstanding his increasing years and wish to be relieved

of the burden of responsibility attaching to the office, consented to act as president until such an arrangement could be made. The college remained in his hands until 1897, when the Rev. A. Cameron MacKenzie, D.D., became president. Since that time three lines of activity have principally engaged the energies of those interested in the advancement of the college. The first has been an advanced requirement for entrance; the second, an effort to strengthen the faculty by bringing into it representatives of special training, or of teaching experience in the great colleges, as coadjutors of the elder professors; and the third, the raising of a semi-centennial fund of half a million dollars for added buildings and increased equipment.

To some extent the efforts in these directions have been effectual. The college entrance requirement is now in substantial accord with the standard of all the best eastern colleges. The faculty numbers representatives of Brown, Yale, Cornell, Johns-Hopkins, Pennsylvania, Wesleyan, and other high grade institutions.

To the semi-centennial fund, including the hundred thousand dollars subscribed under the present administration, there have been added a number of gifts, the largest of which, eight thousand dollars, has come through the will of the late Francis Hall of Elmira, who was at the time of his death the senior trustee of the college. During the last thirty years of his life Mr. Hall, in addition to making many handsome donations, rendered much intelligent and active service to the college. Through his gifts there has been made possible an increased scientific equipment and additions to the library.

SITUATION

The City of Elmira, in the State of New York, is a town of forty thousand inhabitants and is a railroad center. The college is situated on the outskirts of the city and is easily

accessible from the stations of the Northern Central; the Delaware, Lackawanna & Western; the Erie; and the Lehigh Valley Railroads.

While the college has the advantages and comforts incident to close connection with the city, it has all the quietness desirable for the student. Its elevation, though slight, commands a view of the surrounding country for many miles, and its campus, containing about fourteen acres, is most pleasing. It is laid out in walks, and is diversified by trees and shrubs and by open lawns which surround the little sheet of water lying at the foot of the hill; here are the tennis courts and the basket-ball field, where tournaments are held in autumn and in spring.

EQUIPMENT

MAIN BUILDING

The main building is three hundred feet in length and is five stories in height. Although erected half a century ago, one is impressed on entering its doors with the substantial appointments everywhere visible. It is equipped with electric lighting and steam heating appliances, with an elevator, and with fire escapes, and it is the residence hall for students.

In the rotunda on the first floor is situated the chapel, equipped with an excellent Hook and Hastings organ. From the rotunda radiate corridors to the various wings of the building. In the west wing are situated the parlors, and the society rooms well furnished, and equipped with libraries. In the east wing are located the offices of President and Registrar, and occupying the entire north wing is the dining room.

OBSERVATORY

The observatory is situated on the college grounds southwest of the main building. It is equipped with an equatorial telescope of eight and a half inches aperture, a transit instrument, an electric chronograph, an astronomical clock,

sextant, and chronometers, and various minor instruments. The equipment is available for illustrating the general course in astronomy, and for practical use in the applied courses.

THE LABORATORIES

The department of chemistry and physics occupies the lower floor of the west wing of the main building. Besides the store room, the department contains a lecture room equipped with a projection lantern, gas, water, and other conveniences for lecture experiments.

Adjoining the lecture room on the right is the chemical laboratory, entirely refitted and furnished with the most approved desks and most modern plumbing; it is a large, well lighted, well ventilated room, having accommodations for thirty students. This laboratory is furnished with gas, water, and lockers, and is equipped for general chemistry, qualitative analysis, elementary and advanced quantitative analysis.

At the left of the chemical laboratory is the private laboratory of the professor, which is used by the advanced students in quantitative and sanitary chemistry. The balance room is furnished with a Staudinger analytical balance, a Queen & Co. balance, as well as balances for general work. The private laboratory is equipped for general analytical work.

Adjoining the lecture room is also the physical laboratory which contains, in addition to apparatus for lecture room experiments, the working tables and equipment for student use. It is supplied with galvanometers, both tangent and astatic, electrical machines, a dynamo, a Wheatstone bridge, resistance boxes, photometers, batteries, and other instruments necessary for laboratory work.

The biological laboratory is conveniently placed and is well lighted. It contains compound microscopes and dissecting instruments for the use of each student, a series of charts, a human skeleton, and an Auzoux dissecting manikin.

Abundant material for individual work is supplied. Zoological collections and the extensive herbarium in the museum are accessible to students.

LIBRARY

The college library is a collection of carefully selected books for the purpose of study and investigation. Additions of such books as are thought most desirable for the use of students are made regularly each year. The library now contains about fifty-five hundred volumes, selected with special reference to working needs. All books are catalogued by the Dewey system, and students have access to the shelves.

The interest of a fund, the bequest of the late Mr. Francis Hall of Elmira, is devoted to the purchase of books for the library. Generous additions to the history department have been made during past years by the Alumnae Association of New York, and gifts for other departments have been donated by recent graduating classes, and by others interested in the college, notably a valued accession from the Goldsmith library.

The reading room is supplied with weekly papers, and the leading scientific and literary periodicals.

THE MUSEUM

The museum is the natural ally and supplement to the college library. It contains an extended collection of natural specimens which serve to illustrate the arts, industries, and learning of mankind. The museum of Elmira College is contained in Gillett Memorial Hall, and is composed of several thousand specimens of birds, minerals, rocks, and fossils, collected during the past forty years, mainly through the efforts of Dr. Ford.

Zoology. In ornithology, sixty cases and one large cabinet contain over two thousand specimens of birds from North and South America, India and Australia. A few additional cases serve to exhibit several typical specimens of mammals and reptiles. All have been prepared and mounted by skill-

ful taxidermists. Of invertebrate animals there are thirteen cases of insects, exhibiting coleopetra and lepidoptera; a number of cases of fresh water mollusks from the lakes and rivers east of the Mississippi; a small case of marine mollusks from the New England coast, and a recent accession of interesting shells.

Botany—The specimens in this department consist of a collection of specimens of plants found in the lower Mississippi Valley, a collection from the flora of New England, a cabinet containing the principal species of flowering plants in the local flora of Elmira and vicinity. To the above a large addition is expected in the near future.

Geology. In this department are the following: (a) A cabinet of general geology. (b) A valuable collection of the principal ores of gold and silver found in the mining regions of the Rocky Mountains and parts of the Pacific coast. (c) A cabinet of the ores and products of the useful metals, as iron, copper, zinc, lead, tin, and other metals employed in the various industries of the world. (d) A collection of specimens from the coal fields of America. (e) Fossil geology is represented by a suite of large fossil casts illustrative of fossils of all systems. (f) A cabinet of gems and natural crystals; showing nature's geometric forms, as well as the gems selected for the purposes of art and ornamentation.

Mineralogy. Here is: (a) A set of typical specimens illustrative of the more common minerals found in rocks. (b) Several hundred specimens of minerals found in the Lake Superior region, and in New York and Pennsylvania.

Archaeology. A collection of antiquities, such as ancient books, parchments, deeds, forms of pottery, medals, Roman lamps, glass works, relics from battle-fields and many specimens illustrative of olden times.

Numismatics. This department contains a rare collection of ancient Greek and Roman coinage, representing a period reaching back almost to the time of Christ, also coins illustrating the history of the Middle Ages, together with a large

number representing those now in use among the nations of the world. These, with a few specimens of rare paper money, are conveniently arranged for inspection.

COLLEGE SCHOOL OF MUSIC.

Through the generosity of the late Solomon L. Gillett, one of the most complete buildings for the study of music was built on the east side of the campus. It is named "The Gillett Memorial Hall," in honor of the donor. The building is a brick and stone structure, containing twenty-two furnished rooms, which are isolated one from another by padded walls and floors, and by double doors. It is heated by steam, lighted by electricity, and thoroughly ventilated. It is equipped with twenty pianos, a reading room, reference library, and all conveniences for study and comfort. The faculty is composed of professors whose training in America and Europe, and whose acquired reputation in this country, guarantee to students a thorough musical education.†

THE RELIGIOUS LIFE OF THE COLLEGE

Elmira College was founded by men of strong religious impulse, and an unswerving faith in Christianity as the power which is mightiest to develop and sustain what is best in man. The college is strictly unsectarian, its board of trustees being chosen from the following Christian churches: Baptist, Congregational, Dutch Reformed, Episcopal, Methodist, and Presbyterian. But while no religious tests are imposed upon any officer or student, and while perfect freedom is guaranteed to all, the authorities of the college through all its history have stood for the belief that intellectual culture can never compensate for the atrophy of the religious nature. The charge of the past to the present is to see to it that this college shall become to an ever-widening degree the nursery of strong, free, and gentle spirits.

†See page 60

able to shape the future, and to face life with courage and with joy.

Chapel exercises are held each morning at half-past twelve o'clock and are usually conducted by the president. The students are expected to attend each chapel service. The churches of the city are most cordial in their welcome of students to their congregations and every student is expected to attend the church of her choice with regularity. The college course offers systematic instruction in Biblical Literature and Christian Sociology.

SOCIAL LIFE OF THE STUDENT

The Student's Government Association has in charge the order of the students in the household. All college students are members of this association.

There are two literary societies, Kappa Sigma and Phi Mu; they meet on alternate Friday evenings in their respective rooms, which have been artistically furnished, and which are equipped with good libraries. Literary, musical, and dramatic entertainments are frequently given. Securing members among the new students and carrying on social functions during the college year lead to energetic and friendly rivalry between the societies. At stated times the societies entertain each other, their friends, and the members of the college household.

The Fraternity of Thespis is an association for the study and presentation of classic dramatic literature. The members of this fraternity have presented some of Shakespeare's comedies for their fellow students and friends. "Midsummer Night's Dream" was given in June upon the campus. No student is admitted to active membership of this society unless her class standing is high.

The Biological Society meets once a month for the discussion and study of recent scientific investigations.

The Mendelssohn Club gives concerts during the year, and through the Music School many renowned musicians are brought to the college.

The Athletic Association is a very popular organization and is open to all students of the college. There are good tennis courts and basket ball fields at the college, and the golf links of the Country Club of Elmira are easily accessible, and are open to the Athletic Association. These links are thoroughly well kept and are suitable for tournament purposes. There are nine hole courts and the course is about three thousand yards in length.

The students have in charge the college magazine, *The Sibyl*, which is published by the senior class five times annually: in October, December, February, April, and June.

The Student's Christian Association holds regular meetings to promote the religious life of the college.

The College Settlements Association has an Elmira College Chapter.

TEACHERS REGISTRY

A registry of names of students who wish to teach is kept by the college. The president will be pleased to correspond with any who desire teachers.

The success of Elmira College graduates in securing and satisfactorily filling lucrative positions is to be remarked, and an increasing number of applications are each year received at the college for graduates to fill positions as teachers.

EXPENSES

All checks should be made payable to Elmira College.

The college year is divided into semesters of nearly equal lengths—September to February—February to June.

UNDERGRADUATE STUDENTS

Charges per year: †Home, board, and tuition	\$400 00
Tuition, (except Music and Art, which are extras).	125 00
Room alone	50 00
Tuition, single subject.	30 00
Study Room for Day Students	5 00
Registration Fee, when room is taken	5 00
‡Fee, per laboratory period, one semester	1 50
Extra charge for meals sent to room	25
Extra charge for laundry, per dozen	50

Payments to be made as follows:

Students, resident in the college, will pay on entering in September	\$200 00
Students, not resident in the college, will pay on entering in September	62 50
The remainder in each case at the opening of the second semester.	

Students whose bills are not paid within thirty days after the opening of each term will be debarred from the classes.

GRADUATE STUDENTS

Tuition per semester for one course pursued at the college . . .	\$ 20 00
Tuition per semester for three or more courses pursued at the college	50 00

Fees for students pursuing studies in absentia :

(a) At the beginning of work	20 00
(b) When final examination is taken	20 00

†Assignment of rooms will be, as far as practicable, in accordance with the date of application.

Each student supplies her table napkins, sheets, pillow-cases, blankets, and bed cover.

‡Two and a half hours of laboratory work counts as a period. The fee covers chemicals and materials, but does not cover breakage, which will be charged extra.

STUDENTS OF MUSIC AND ART

Charges per semester as follows :

Piano, three half-hour lessons a week	\$ 50 00
Piano, two half-hour lessons a week	35 00
Piano, two half-hour lessons a week (primary)	17 00
Organ, two half-hour lessons a week	60 00
Organ, one half-hour lesson a week	32 00
Vocal Culture, three half-hour lessons a week	85 00
Vocal Culture, two half-hour lessons a week	60 00
Violin, three half-hour lessons a week	60 00
Violin, two-half-hour lessons a week	40 00
Violin, one half-hour lesson a week	25 00
History of Music, in class	5 00
Harmony, two half-hour lessons, in class	10 00
Use of Piano or Organ, for two hours or less, daily practice . . .	5 00
Use of Piano or Organ, for more than two hours and not to exceed four hours	10 00
Drawing or painting	35 00
Oil painting from life	50 00

Students in Music and Art, whose bills are not paid thirty days after the first lesson, will be refused further instruction.

FEES ON GRADUATION

For the degree of Bachelor of Arts, or Science	\$ 5 00
For the degree of Master of Arts	10 00
For diploma from Music School	10 00

No deduction will be made from the charge for tuition. Students entering within the first four weeks will be charged from the beginning of the semester. No deduction is made for absence during the year, except in case of protracted illness, when deduction of half the board will be allowed, but no deduction for tuition, nor for withdrawal during the last four weeks of a semester.

THE SIMEON BENJAMIN BEQUEST

The income of Mr. Simeon Benjamin's bequest of \$25,000 is devoted to the assistance of students. Applicants for this aid must become members of regular classes, must furnish evidences of ability and need, and must maintain more than an average rank in scholarship. Requests for further information should be made to the President.

THE RUFUS S. FROST FUND

“To the Trustees of the Elmira College of the city of Elmira, Chemung County, New York: I give and bequeath the sum of \$1,000, to be held in trust, the principal to remain forever intact and the interest and income thereof to be donated annually to some member of the graduating class who shall be designated by the Faculty of said college; having regard to deportment, scholarship, and necessities; to aid in purchasing books, and defraying expenses of the senior year, and of graduation.”

ADMISSION

GENERAL CONDITIONS

Examinations for admission will be held at the college at 9 o'clock A. M., June 15; and 9 o'clock A. M., September 21, 1905.

Candidates are urged to present themselves promptly, and are advised to prefer the June examination, so as to have time to make up deficiencies.

For the convenience of those living at a distance from the college, arrangements will be made, when desired, for examinations at or near their homes. In such instances, the President should be notified not later than the first week of June. The necessary arrangements will be made then, and the applicant at once informed of them.

Applications for examinations should be made to the President.

Students are admitted without examinations in the following cases :

- A When they bring certificates of the Regents of the University of the State of New York which meet the requirements for admission to college.

Diplomas and sixty count academic certificates issued by the Regents of the University of the State of New York are accepted in place of examinations in all the subjects that may be accepted for entrance, which are covered by such credentials, including English, German, French, Latin, Greek, Algebra, Geometry, History, Civics, Economics, Physical Geography, Botany, Zoology, Physics, Chemistry.

To secure exemption from the entrance examination in English, the Regent's diploma or sixty count academic certificate must cover first year English, second year English, and *either* third year English or English Reading.

Applications for credit in all subjects for which credit is desired, must be made at the time of the admission of the applicant, and not be postponed to any later date in the course.

Diplomas, certificates, and statements should be sent by mail to the Registrar before the opening of the term.

- B When they bring certificates from approved schools. The work gone over must be specified, and both the text books used, and the date of the examination must be given.

Certificate of work done in public or private schools, in or out of the State, will not be accepted in lieu of examinations, unless the applicant has completed a full course in the school, and has been duly graduated after at least one year in the school, and the college authorities are satisfied regarding the standing of the school.

Admission by certificate is in all cases provisional. If a student fail in any subject in the college that depends upon an entrance subject for which a certificate has been accepted, the credit for that entrance subject may be cancelled. Certificates from schools whose students prove to be imperfectly fitted, will ultimately not be considered.

No school certificate is accepted in place of the entrance examination in English.

- C When they seek advanced standing.

Applicants for a baccalaureate degree coming from other colleges and universities, may be admitted provisionally to such standing and upon such terms as the faculty may deem equitable in each case, regard being had to the applicant's previous course of study, and to the evidence of proficiency exhibited. Every such candidate for a baccalaureate degree is required, at the time

of making her application, to forward to the Registrar, along with a catalogue of the institution in which she has studied, a careful statement, duly certified, of the studies which she has pursued, and of the degree of proficiency attained therein, including her record at the *entrance* examinations and a letter of honorable dismissal. This statement should be made as full as possible, giving details of subjects taken, authors read, and in mathematics the text books used. To avoid delay in arranging the course, these credentials should be presented at an early day in order that the status of the applicant may be determined as far as feasible before her arrival. Applications for credit in all subjects for which credit is desired, must be made at the time of the admission of the applicant, and not be postponed to any later date in her course.

D When they may be admitted as special students.

Persons may be admitted as special students provided they give evidence of ability to do creditably that work of the college which they wish, and provided the professor in charge of the department in which they wish to take a large part of their work recommends them to the faculty. It is understood that in the special work for which they enter they may be admitted to college classes subject to the approval of the professor, but that in all other respects their choice of subjects and course is limited by the same rules that govern electives in courses for academic students in full standing. Resident special students will be required to carry enough hours to bring their programs up to the required number of fifteen periods of recitation a week.

ENTRANCE EXAMINATION.

Applicants presenting themselves for examination for entrance to the freshman class, are expected to be prepared in English, History, Mathematics, Latin, and in either Greek, French, or German, as specified below, except that for the student entering the scientific course modification of the entrance requirement in language is allowed under conditions contingent upon special preparation in mathematics or in the sciences. On this point the candidate is referred to the general conditions of admission, (A, p. 56,) and is invited to correspond with the President.

Entrance requirements are as follows :

ENGLISH

(a) A knowledge of the essentials of English grammar.

(b) A command of the rudiments of composition, clear sentence structure, correct spelling, punctuation, capitalization ; and the ability to write a legible page of English script.

(c) A careful and detailed knowledge of the subject matter of the books prescribed for study, as given below, with some knowledge of the peculiarities of their literary form and of their structure. For 1906, 1907 and 1908 : Shakespeare's *Julius Cæsar* ; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso* ; Burke's *Speech on Conciliation with America* ; Macaulay's *Essay on Addison*, *Life of Johnson*.

(d) A general knowledge of the subject matter of the books prescribed for reading. These are, for 1906, 1907 and 1908 : Shakespeare's *Merchant of Venice*, the *Sir Roger de Coverley Papers* in the *Spectator* ; Coleridge's *Ancient Mariner* ; Scott's *Ivanhoe* and the *Lady of the Lake* ; Tennyson's *Gareth and Lynette*, *Launcelot and Elaine*, and *The Passing of Arthur* ; Lowell's *Vision of Sir Launfal* ; George Eliot's *Silas Marner* ; Irving's *Life of Goldsmith*.

HISTORY

Greek and Roman History, Myers' or West's *Ancient History*, Morey's *Outlines of Grecian and Roman History*, are named to indicate the amount required.

MATHEMATICS

Metric system. University algebra through quadratic equations. Plane geometry. A recent review of mathematical work is necessary in order to do the work of the college successfully.

LATIN

(a) Grammar. A thorough knowledge of the fundamental rules of syntax is required. The grammars of Allen and Greenough, Gildersleeve-Lodge, and of Harkness, and Bennett, are recommended.

(b) Prose composition. Daniell's Exercises in Latin Composition, or an equivalent.

(c) Reading. Cæsar, Gallic War, four books; or Arrowsmith and Wicher, First Latin Readings; Vergil, Æneid, six books; Cicero, seven orations (the Manilian Law counting as two); Ovid, Metamorphoses, two thousand lines, or the translation of easy passages at sight.

In addition to the Latin one other language is required. The second language may be Greek, German, or French.

GREEK

(a) Grammar. A thorough familiarity with the forms and the fundamental rules of syntax is required. The grammars of Hadley and Allen, and Goodwin, are recommended.

(b) Prose composition. The candidate must be able to translate into Greek simple prose based on passages from Xenophon. The text recommended is Collar and Daniell (Exercises I-LXXXV), but an equivalent will be accepted.

(c) Reading. Xenophon, Anabasis or Hellenicæ, four books; Homer, Iliad or Odyssey, three books. The candidate must be able to translate at sight easy passages from Xenophon or Homer.

GERMAN

(a) Grammar. A thorough knowledge of grammar is indispensable, no amount of reading will be accepted in its place. Grammar of Joynes-Meissner is recommended.

(b) Reading. Joynes, German Reader; Storm, Immensee, Wilhelmine von Hillern, Hoher als die Kirche; Andersen, Bilderbuch ohne Bilder; Schiller, Jungfrau von Orleans; Heyse, La Rabbia; Goethe, Iphigenie. The candidate is required to translate easy German at sight.

FRENCH

(a) Grammar. Fraser and Squair is recommended.

(b) The candidate will be called upon to translate, into French, connected passages of simple English.

(c) Reading. Halévy, L'Abbé Constantin; Mérimée, Colomba; Daudet, La Belle Nivernaise; George Sand, La Mare au Diable; Michélet, La Prise de la Bastille; Molière, Les Précieuses Ridicules. The candidate is expected to memorise six fables of La Fontaine and three poems of Victor Hugo, and will be called upon to translate at sight easy passages of French prose or verse.

COURSE OF INSTRUCTION, LEADING TO DEGREES

The work of all students of the college is prescribed for the freshman year. It consists of a total of thirty hours of work, fifteen hours being given in each semester, or half-year. A tabular view of the freshman work is given below.†

FRESHMAN YEAR

FIRST SEMESTER

Figures indicate the number of hours a week

<i>Course for Classical Students</i>		<i>Course for Scientific Students</i>	
Latin	4	Latin	3
Greek	}	French or	}
French or		German	
German		Geometry	4
Geometry	4	English	2
English	2	English Literature	1
English Literature	1	Biblical Literature	1
Biblical Literature	1		

SECOND SEMESTER

Latin	4	Latin	3
Greek	}	French or	}
French or		German	
German		Algebra	4
Algebra	4	English	2
English	2	English Literature	1
English Literature	1	Biblical Literature	1
Biblical Literature	1		

After the freshman year the work is elective, and each student is expected to elect fifteen hours each semester throughout the course. No course is given unless elected by as many as three students. Subjects starred in the catalogue must be carried through the whole year, otherwise those courses will not count toward a degree. The academic instruction afforded by the college will be found to fall under three general groups, and is so arranged in the departmental statement. Group A, Language and Literature; Group B,

†For required work in Physical Training, see page 56.

Philosophy and History; Group C, Mathematics and Science. Students who have completed college courses to the extent of one hundred and twenty hours are granted degrees as follows:

- I When of the one hundred and twenty hours required, as many as sixty hours have been in Group A; as many as fifteen hours in Group B; and as many as twenty-five hours in Group C; the degree of BACHELOR OF ARTS is conferred.
- II When of the one hundred and twenty hours required, as many as forty-six hours have been in Group A; as many as ten hours in Group B; and as many as forty-four hours in Group C: the degree of BACHELOR OF SCIENCE is conferred.

Students in either Classical or Scientific Courses who show proficiency in their work are granted honors of distinction, as follows: *Summa cum laude*, *magna cum laude*, *cum laude*.

The degree of BACHELOR OF MUSIC will be awarded only for graduate work in music of such quality as will meet the approval of the faculty.

The degree of MASTER OF ARTS may be conferred upon a Bachelor of Arts of this or any other approved college, who has pursued one year's study at the college or two years' study *in absentia*.

Candidates for this degree shall choose, under the direction of the faculty, or with its approval, one major and two minor subjects. An examination on these subjects and the presentation of a thesis giving evidence of independent investigation on the major subject will be required.

Application for assignment of work for this degree should be made before the spring recess of the year preceding the beginning of the work.

COURSES OF INSTRUCTION

BY

DEPARTMENTAL STATEMENT

GROUP A

LANGUAGE AND LITERATURE

ENGLISH LANGUAGE AND LITERATURE

The instruction offered in this department has for its end three distinct though allied results in the student's education: first, ease and energy in English composition; secondly, an historical knowledge of the English language; and thirdly, a general acquaintance with English literature and with the influences which have directed the course of its development. These results are sought severally through the study of rhetoric, of the English language, and of English literature.

RHETORIC

1 DESCRIPTION AND NARRATION

The work consists of theme writing, daily through part of the year, with conferences for the correction of themes under criticism. In the first semester a close drill on paragraph structure, and on exactness in language, with required themes of description of simple and familiar objects. In the second semester drill on theme structure with special reference to unity, extended themes of description and narration.

Two hours throughout the year, required of freshmen.

2 EXPOSITION

In the first semester, special attention to explicitness of statement, themes giving practice in expository writing. In the second semester, drill on force and effectiveness in language and on finish in form. Practice in book-reviewing and in editorial writing. Text used is Genung's Working Principles of Rhetoric.

Two hours throughout the year, open to all who have completed 1.

3 PRACTICAL STUDIES IN PROSE STYLE

The work in this course is based upon representative selections from our best English prose. Special attention is given to the rhythm of prose and to the subject of structure for power.

Two hours second semester, elective with or after the second semester of Literature 2.

4. ARGUMENTATION *

The distinct aim of this course is to induce a forcible literary style, by means of placing stress upon an exact and definite relation and order in the ideas the student has to present. Students are advised to elect for their briefs and forensics lines of investigation already pursued with other college courses. In the first semester, three finished briefs and two forensics presented in manuscript. In the second semester, three finished briefs and three forensics, one of each to be presented without notes. Text used is Baker's Principles of Argumentation.

Two hours throughout the year, junior elective, open to seniors.

5 THEORY OF LITERARY CRITICISM

In the first semester, study of Lewes' Success in Literature, lectures on the essentials of narration, seminary work in analysis of great works of fiction. In the second semester, study of the relation of theme to form, analytic and synthetic.

One hour throughout the year, open to seniors.

6 SEMINARY IN ENGLISH TEACHING

Examinations of publications dealing with ideals and with methods. Seminary reports on the practical questions likely to arise in teaching the grammar, rhetoric, or literature of English in the preparatory schools.

Two hours second semester, elective for seniors.

7 THEORIES OF POETRY

A study of the nature and true field of poetry, based upon Aristotle, Poetics; Sidney, Defense of Poesie; and Shelley, Defense of Poetry. An investigation of the nature and laws of language rhythm in general, and a special study of their manifestation in the familiar meter and stanza forms of English versification.

One hour throughout the year, elective for seniors. (Alternate with 5 and offered in 1904-5.)

ENGLISH LANGUAGE

1 OLD ENGLISH

Study of Old English Grammar, readings from selected prose and poetry, before the close of the year Beowulf is studied and the student is introduced to the study of Emerson, History of the English Language. Other texts used are ; Cook, First Book on Old English ; Sievers Cook, Grammar of Old English ; Wyatt, Beowulf.

Three hours first semester, one hour second semester, elective for juniors and seniors.

2. OLD AND MIDDLE ENGLISH

An historical study of the English language, Cynewulf, Langland, and Chaucer.

One hour throughout the year, elective after 1.

ENGLISH LITERATURE

The course in English literature, throughout, is expected to aid the cultivation of literary appreciation through the continuous exercise of the critical faculty. The student's private judgment is revised by class criticism and questioning until she reaches for herself some just conclusion upon the work under discussion. It is expected that as the course progresses she will gain the power to make her conclusions less and less partial and imperfect, and that she will finally acquire such literary insight, as well as such well-founded confidence in her own judgment, as will make her an intelligent and an independent critic and appreciator of literature.

1 GENERAL READING COURSE

Carlyle, Ruskin, Arnold, rapid reading of several of Shakespeare's plays.

One hour throughout the year, required of freshmen.

2 HISTORICAL COURSE

This course is planned to develop the idea of historical continuity and evolution, in the literary works of a people. Typical works of representative authors are used, reference is made to social and literary histories, biographies, and works of criticism.

Two hours throughout the year, elective after 1 and required before the following electives.

3 TENNYSON AND BROWNING—

A critical study of selected poems.

Two hours throughout the year, elective after 2.

4 MILTON—

A seminary course.

One hour first semester, elective after 2.

5 ENGLISH ROMANTICISM

A seminary and lecture course. Studies in the history of literary criticism with special reference to the period from Dryden to Coleridge.

One hour second semester, elective after 2.

6 SHAKESPERE

A critical study of the great tragedies with regard to plot, structure, and character drawing ; a comparative study of them as representing different stages of artistic development. The aim of the course is to reveal the art of the drama of Shakespere.

Two hours first semester, elective for seniors.

7 COMPARATIVE STUDY OF THE DRAMA

Lectures upon the evolution of dramatic feeling and form in ancient, mediæval, and modern civilization. Readings of the plays to be discussed, reports from members of the class. Discussions based on principles laid down by Freytag, Technique of the Drama.

Two hours second semester, elective for seniors.

GERMAN LANGUAGE AND LITERATURE

The German Department aims, by means of thorough and accurate work, to make students independent in the use of the language and thus prepared to assimilate the productions of the best German authors. In order to increase the interest, lectures are given in connection with the works read, and in advanced classes historical lectures are given—these being intended as a background for the literature ; much importance is attached to the writing of German essays. They are considered a test of the student's ability to make a practical use of the instruction received, and are a part of the examination work. German is the language of the class room. Thus in various ways the student is carried into the realm of German life and becomes familiar with the thought of the German people.

I BEGINNING GERMAN *

Grammar, Joynes-Meissner ; Hewett, German Reader ; Schiller, Wilhelm Tell. Some favorite German poems are committed to memory.

Four hours throughout the year.

2 FIRST READING COURSE

Grammar continued. Harris, German Prose Composition ; Schiller, Jungfrau von Orleans ; Goethe, Iphigenie auf Tauris ; Schiller, Maria Stuart.

Four hours throughout the year, required of freshmen presenting German in scientific course.

3 GERMAN LITERATURE

Lectures on Schiller and Goethe and their works ; Reading of Lessing, Nathan der Weise ; Schiller, Wallenstein (entire), Kluge, Deutsche Litteratur. Essays required.

Three hours throughout the year, required of freshmen presenting German in classical course.

4 GREAT GERMAN WRITERS

Goethe, Faust, I Theil ; Chamisso, Peter Shlemihl ; Camillo von Klenze, Deutsche Gedichte ; Scheffel, Ekkehard ; Heine, Harzreise ; Kluge, Deutsche Litteratur (continued). Essays are required. Buchheim, Prose composition.

Two hours throughout the year, elective after 3.

5 GREAT GERMAN WRITERS (Continued)

Schiller, Don Carlos ; Scheffel, Trompeter von Säkkingen ; Freytag, Die verlorene Handschrift ; selections from various authors. Lectures on the rise of Prussia and on the history of Germany. Methods of teaching German. Essays are required. Buchheim, Prose Composition.

Two hours throughout the year, elective after 4.

6 MIDDLE HIGH GERMAN

Critical study of Das Nibelungenlied and the poems of Walther von der Vogelweide.

One hour throughout the year, elective for seniors.

7 GENERAL READING COURSE

Selections from modern authors, with much reading outside of class room work. Essays to be written on the work studied. Lectures, as in 6, on the history of Germany, and on the literary life of to-day in Germany.

Two hours throughout the year, elective after 5.

8 SCIENTIFIC GERMAN

One hour second semester, elective after 5.

FRENCH LANGUAGE AND LITERATURE

The courses in this subject extend over four years and have for their aim the giving to the student: (1) an accurate knowledge of the language of the present time both as written and spoken; (2) an appreciation of the more important masterpieces of the literature, proportionate to the knowledge of the language; (3) a knowledge of the historical development of the literature; and (4) an elementary acquaintance with historical phonology.

The work as above outlined is carried on by means of recitations, the writing of prose and of essays, the hearing of lectures in French, and by collateral readings. Much stress is laid from the beginning upon the ability of the student to express herself directly in the language.

I ELEMENTARY FRENCH*

Grammar. Fraser and Squair; Bercy, *Le Français Pratique*. Oral and written exercises. Reading of such easy prose as: Halévy, *L'Abbé Constantin*; De la Brète, *Mon Oncle et Mon Curé*. Memorising selected fables of La Fontaine.

Four hours throughout the year, elective after the freshman year.

2 CONTINUATION OF COURSE I

Grammar. Grandgent, *Material for French Composition*. Reading of prose such as: George Sand, *La Petite Fadette* or *La Mare au Diable*; Mérimée, *Colomba*; Daudet, *La Belle Nivernaise*; Molière, *Les Précieuses Ridicules*. Memorising of selected poems. In this course brief outlines of the history of French literature are also given and some extracts read from celebrated authors.

Four hours throughout the year, required of freshmen presenting French in the scientific course.

3 FRENCH LITERATURE IN THE SEVENTEENTH CENTURY

A study of the drama and of the miscellaneous literature of the period. Corneille, Racine, Molière, La Fontaine, Pascal, Bossuet, Fénelon, Mme. de Sévigné. One hour a week devoted to composition and sight translation.

Three hours throughout the year, required of freshmen presenting French in the classical course.

4 FRENCH LITERATURE IN THE EIGHTEENTH CENTURY

This course will treat of the time and influence of Voltaire, Montesquieu, Rousseau, the Encyclopedists, Beaumarchais, Le-Sage, Mirabeau.

Two hours throughout the year, elective after 3.

5 FRENCH LITERATURE IN THE NINETEENTH CENTURY

A study of the principal authors of this period. Victor Hugo as poet, novelist, and dramatist. Chateaubriand, Lamartine, Alfred de Vigny, Alfred de Musset, Théophile Gautier, Dumas, George Sand, Balzac, with a brief survey of contemporary writers.

Two hours throughout the year, elective after 3.

6 LYRIC POETRY OF THE NINETEENTH CENTURY

In this course the different schools of poetry will be discussed and copious extracts will be read from representative poets such as: Lamartine, Victor Hugo, Alfred de Musset, Alfred de Vigny, Théophile Gautier, LeConte de Lisle, Sully Prudhomme, François Coppée.

Two hours first semester, elective after 4 or 5.

7 THE THEATRE IN THE NINETEENTH CENTURY

In this course the development of the theatre during the period will be studied in detail. Dramas of such representative authors as Victor Hugo, Scribe, Alexandre Dumas, Augier, Sardou, Rostand, Meilhac and Halévy, will be read and discussed.

Two hours second semester, elective after 4 or 5.

8 INTRODUCTORY STUDIES IN OLD FRENCH

Elements of Phonology. Translation into Modern French from La Chanson de Roland, Chrestien de Troyes, Aucassin et Nicolette. Gaston Paris, Manuel de la Litterature Française du Moyen Age.

One hour throughout the year, elective after 6 or 7.

ITALIAN LANGUAGE AND LITERATURE.

I ELEMENTARY ITALIAN*

Italian Grammar, Grandgent. Oral and written exercises.
 Texts : De Amicis, Cuore (I Racconti mensili); Salvatore Farina,
 Il Signor Io ; Goldoni, Il Vero Amico.

Two hours throughout the year, elective for juniors and seniors.

2 LITERATURE OF THE THIRTEENTH AND FOURTEENTH CENTURIES

Dante, La Divina Commedia ; Petrarch, Rime Scelte ; Boccaccio,
 Novelle Scelte.

Two hours throughout the year, elective for juniors and seniors.

SPANISH LANGUAGE AND LITERATURE.

I ELEMENTARY SPANISH*

Spanish grammar, Hills and Ford ; Worman, First and Second
 Spanish Books ; Ramsey, Text Book of Modern Spanish, and
 Spanish Reader ; Alarcón, El Capitán Veneno, or Galdos, Doña
 Perfecta.

Two hours throughout the year, elective for juniors and seniors.

2. CLASSICAL COURSE

Selections from Cervantes, Lope de Vega, and Calderon.

Two hours throughout the year, elective for juniors and seniors.

LATIN LANGUAGE AND LITERATURE

The aim of this department is to enable the student to read Latin with rapidity and accuracy, to form some acquaintance with the chief masterpieces of Roman literature, and to gain a correct appreciation of the relation of classical life and thought to the history and culture of the modern world. The first place, it is held, must always be given to the detailed study of the language, but the work is progressive in character, and increased attention is paid in more

advanced courses to questions of history and literature. In the later study of the language especial reference is had to the needs of prospective teachers.

1 LIVY

Book I, with rapid reading in Book XXI. A prescribed course of reading in the history of Rome. Prose composition, and systematic review of the leading constructions of syntax.

Four hours first semester, required of classical freshmen.

2 OVID AND HORACE

Selections from the Elegies and Heroides of Ovid, and from the Odes of Horace. Study of lyric prosody. Lectures on the poetry of the Augustan Age. Prose composition and review of syntax.

Four hours second semester, required of classical freshmen.

3 PLINY, MARTIAL, AND TACITUS

Selections from Pliny's Letters and the Epigrams of Martial. The Agricola of Tacitus. Especial attention will be given in this course to some of the salient features of Roman public and private life under the Empire.

Two hours first semester, elective for sophomores.

4 COURSE IN READING LATIN AT SIGHT

Selections from Ovid, and from Post's Latin at Sight. Practice in translation at hearing and in oral exercises in Latin composition.

One hour first semester, elective for sophomores.

5 ROMAN ELEGY

Selections from Catullus, Tibullus and Propertius. History of the development of elegiac poetry.

Two hours second semester, elective for sophomores.

6 READING AT SIGHT

Rapid reading of a play of Terence (the Adelphoe). Practice in translation at hearing.

One hour second semester, elective for sophomores.

7 LATIN LITERATURE

The development of Latin literature is traced by a course of weekly lectures, and these are supplemented by prescribed readings in standard histories of Roman literature and in poetical versions. Short illustrative selections covering the range of the literature are also read. Essays and reports of reading are required.

Two hours first semester, elective for juniors or seniors; also with the consent of the instructor, for sophomores.

8 ROMAN COMEDY

Three selected plays of Plautus and Terence. The treatment is mainly literary, with due attention to metres and ante-classical syntax. The work is supplemented by lectures on Roman comedy and the preparation of special papers by the class.

Two hours second semester, elective for juniors or seniors.

9 ROMAN TRAGEDY (SIGHT READING)

Rapid reading of a play of Seneca (the Medea). Lectures and prescribed readings upon Roman Tragedy.

One hour second semester, elective for juniors and seniors.

10 ROMAN SATIRE

Selections from the Satires of Juvenal and Horace designed to illustrate various phases of contemporary life and manners. Lectures on the history of Roman Satire. An important feature of the work consists in the preparation of papers by the class dealing with the social life of Rome under the Empire.

Two hours second semester, elective for juniors and seniors. (Omitted in 1905-6.)

11 VERGIL, SELECTIONS FROM THE ÆNEID

A selection of the most interesting passages in the Æneid is made with a view to illustrate the poetic art of Vergil and to afford an opportunity for discussing the chief literary problems connected with the poem, such as the myth of Æneas, the characters of Æneas and Turnus, the Æneid as a religious poem, the underworld in Vergil. One of the earlier books of the Æneid is reviewed with special reference to Vergilian syntax and to the needs of intending teachers.

Two hours first semester, elective for seniors.

12 TEACHERS COURSE AND ADVANCED COMPOSITION

Attention is given to methods of preparatory instruction, to the more difficult portions of syntax, hidden quantities, the pronunciation of Latin and the treatment of Latin synonyms. Illustrative and sight reading in Vergil and Cicero is taken up, and weekly exercises in Latin prose composition are assigned.

Two hours second semester, elective for seniors.

The following course is open to candidates for the degree of B. S. admitted on the minor requirement in Latin.

13 VERGIL

Books I-VI of the *Æneid*. Attention is given to Latin prosody and mythology, and the leading constructions of syntax are studied with care.

Three hours first and second semester.

For Roman Private Life and Archæology, see p. 50.

GREEK LANGUAGE AND LITERATURE

The courses in this department are designed to give the student a knowledge of the chief phases of Hellenic life as interpreted through the language, literature, and art of the Greeks, and to develop an understanding and appreciation of the place of Grecian civilization in human history, and of the contribution of the Greeks to the elements of our modern life. Emphasis is laid at first upon the study of the language as the key to the literature, but in the later years of study the distinctively literary side is made more prominent.

I LYSIAS, PLATO, AND HOMER

Selected orations, the *Crito*, and parts of the *Phaedo*, selected books of the *Odyssey*. Review of Attic syntax, exercises in composition and translation at sight. Outline study of the history of Greek literature.

Three hours throughout the year, required of freshmen presenting Greek, and open to any student satisfying the entrance requirements in Greek.

2 DEMOSTHENES AND ARISTOPHANES

The Philippics, and a study of Attic oratory. The Clouds and the Frogs, with a study of Attic comedy.

Two hours throughout the year, elective for those who have completed course 1.

3 THE HISTORIANS AND TRAGEDIANS

Selections from Herodotus and Thucydides. Sophocles, Antigone; Euripides, Medea or Alcestis.

Two hours throughout the year, elective for those who have completed course 1.

Course 2 and 3 are given in alternate years. Course 3 will be given in 1905-6.

4 PLATO, OR LUCIAN

In connection with Plato a study is made of the literary form of Greek philosophy, and in connection with Lucian the characteristics of Greek language and literature in the later age is studied.

Two hours first semester, elective for seniors or juniors.

5 LYRIC POETS

Selections from the elegiac, iambic, and melic poets.

Two hours second semester, elective for seniors or juniors.

6 ADVANCED PROSE COMPOSITION

Study of special topics in Greek syntax. Rapid reading of selections from Xenophon and Homer. This course is arranged with special view to the needs of those who wish to teach Greek.

Elective for seniors, hours to be arranged.

7 ELEMENTARY GREEK *

Greek grammar. Anabasis, Book 1, or other easy selections. Prose composition.

Four hours throughout the year, open to those who elect Greek as a third language.

8 ELEMENTARY GREEK (CONTINUED)

Selections from Xenophon and the New Testament; Homer. Translation at sight and hearing. Prose composition.

Three hours throughout the year, open to those who elect Greek as a third language.

BIBLICAL AND ANCIENT LITERATURE

The study of the Bible is assigned a fixed place in the curriculum for freshmen and seniors. The work is conducted from a literary point of view, not from a doctrinal one. The student is required to enter in a note book the results of the lectures, and these note books are subject to inspection by the instructor.

1 BIBLICAL LITERATURE

The principal aim of this course is to promote a systematic and scholarly interest in the study of the English Bible. Students will be expected to read with care portions which may be assigned as subjects of lectures, so as to become familiar with the leading events and most eminent characters mentioned in the Scriptures. Attention will be especially called to the separation and training of the Jewish nation as an illustrative specimen of a nation of monotheists designed to be a blessing to the whole world.

One hour throughout the year, required of freshmen.

2 ADVANCED BIBLE STUDY

A course of lectures will be given to the senior class including the following themes: (a) Primitive Anthropology. (b) History of Language. (c) Comparative Philology. (d) Ancient monuments. (e) Tablets of Babylonia and Assyria. (f) Civilization, art, and literature of Egypt.

Two hours first semester, elective for seniors.

3 ADVANCED BIBLE STUDY (Continued)

The lectures of the second semester will be chiefly devoted to the introduction and spread of Christianity during the first three centuries of the Christian era. These lectures will make prominent the historical evidences for the truth of the New Testament.

Two hours second semester, elective for seniors.

GROUP B

PHILOSOPHY AND HISTORY

PHILOSOPHY

Each of the subjects comprised within the department of philosophy has its special aims; yet, as their being so grouped would signify, there are certain general aims characteristic of this whole group of distinctively cultural studies. These are the broadening and enriching of the mind by an acquaintance with some of the world's greatest thinkers and their contributions to thought, a knowledge of the laws of the mental and moral nature, and mental discipline of a kind different from that afforded by mathematical, scientific, or language studies.

1 LOGIC

Creighton, Introductory Logic. This is an elementary course in the forms and laws of reasoned thinking, deductive and inductive. The course includes also a brief study of the nature of thought and the theory of knowledge, to serve as a basis for later philosophical study.

Two hours second semester, elective for sophomores and juniors.

2 PSYCHOLOGY

Titchener, Outline of Psychology; and Sanford, Experimental Psychology. A study of the elementary mental processes and their combinations in the complex forms of mental activity. A part of the time is given to experimental work, each student being required to prepare a note book showing the methods and results of this work.

Three hours first semester, elective for seniors and juniors.

3 HISTORY OF PHILOSOPHY

Rogers, Student's History of Philosophy. This course aims to give a general survey of the history of philosophical thought, ancient and modern. Instruction is given in lectures, supplemented by careful reading of the text-book and selected portions of other standard works.

Three hours first semester, elective for seniors.

4 MODERN PHILOSOPHY

The aim of this course is to study the systems of certain of the modern philosophers with more thoroughness and detail than the more general course allows. The work includes lectures and selected readings. Members of the class are required to prepare papers on special subjects.

Two hours second semester, elective for seniors.

5 ETHICS

Seth, Ethical Principles. A study of the principles of conduct and the types of ethical theory in their historical development. Class discussion of practical problems is encouraged.

Two hours second semester, elective for seniors and juniors.

EDUCATION

1 HISTORY OF EDUCATION

Seeley, History of Education. A study of educational systems and theories. The work comprises recitations, collateral readings, and occasional papers prepared by members of the class.

One hour first semester, elective for seniors and juniors.

2 PEDAGOGY

White, Art of Teaching and School Management. This course aims to give a comprehensive and practical grasp of the principles and methods of education. It comprises recitations, lectures, and reports on collateral readings.

One hour second semester, elective after Philosophy 2.

ECONOMICS AND SOCIOLOGY

1 POLITICAL ECONOMY

Walker, Political Economy. The purpose of this course is to furnish a comprehensive view of the leading principles of economics, theoretical and applied.

Two hours first semester, elective for sophomores and juniors.

2 OUTLINES OF SOCIOLOGY

This course treats of the nature, methods, and aims of society, as a science. the structural development of social life, history of the development of the socialistic ideas; discussions of the prominent movements of the day.

Two hours second semester, elective for juniors and seniors.

3 ECONOMIC HISTORY

This course will consist of a general survey of economic conditions in Europe and America during the successive periods of history, together with lectures and studies on the history of economic theories.

One hour second semester, elective after course 1.

HISTORY

The aim of the work in history is to give a general survey of the history of mediæval and modern Europe as a foundation for later specialization, and to introduce students to a scholarly method of historical study. The instruction is designed to give broad conceptions of the development and mutual relations of political conditions and institutions in different eras, and to stimulate interest in the investigation of them. The method of instruction includes lectures and recitations based on topical outlines, with papers, reports, and discussions on special topics assigned for individual study.

1 HISTORY OF MEDIAEVAL EUROPE

This course is an introduction to the general history of Europe, A. D. 300-1300, including the decline and fall of the Roman Empire ; the barbarian invasions ; the rise of the new Rome ; the shaping and development of the Church ; the rise and extension of Mohammedism ; the growth of Frankish power and the empire of Charlemagne ; the feudal system.

Three hours second semester, elective for sophomores and juniors.

2 HISTORY OF MEDIAEVAL EUROPE (Continued)

The rise of the new nations ; the conflict between the papacy and the empire ; the crusades and their results ; the growth of cities ; the rise of the universities ; the decline of the papacy.

Two hours first semester, elective for juniors and seniors.

3 THE RENAISSANCE AND THE REFORMATION

This course includes the rise of the humanistic movement ; the spread of the Renaissance through Italy, France, England and Germany ; the struggle for the balance of power ; the rise and progress of the Reformation ; the growth of Protestantism and the reaction ; the revolt of the Netherlands ; the religious war in France ; the Thirty Years' War.

Two hours second semester, elective for juniors and seniors.

4 EUROPE SINCE THE SEVENTEENTH CENTURY

This course includes the expansion of France ; French absolutism ; the growth of international relations ; the rise of Prussia and Russia ; the Seven Years' War ; English Expansion ; the causes of the French Revolution ; the Directory ; the Napoleonic empire ; the wars to the Congress of Vienna ; political changes since 1815.

Two hours first semester, elective for seniors and juniors. (Not given in 1905-6.)

5 AMERICAN HISTORY

This course has particular reference to the needs of those who may become teachers of history, and prominence is given to the consideration of methods of teaching and study.

Two hours first semester, elective for seniors.

For Economic History, see p. 48.

ART AND ARCHÆOLOGY

1 LECTURES IN ART HISTORY

This course embraces the principles of æsthetics, with the history of art, ancient, mediæval, and modern. Biographical sketches of the great masters are given with critical study of their best work illustrated by a carefully selected collection of photographs of the most celebrated specimens in architecture, sculpture, and painting.

Four hours second semester, elective for seniors.

2 LECTURES AND STUDIES IN GREEK ARCHÆOLOGY

No knowledge of Greek is required. The course includes (a) a study of the development of Greek sculpture, and (b) a study of Greek architecture and the minor arts, especially vase-painting; (a) and (b) are given in alternate years ; (b) is given in 1905-6.

One hour first semester, elective for juniors and seniors.

3 LECTURES IN ROMAN PRIVATE LIFE AND ARCHÆOLOGY

The course of lectures is supplemented by auxiliary reading. By way of illustration, books, photographs and stereopticon slides are used.

Two hours second semester, elective for sophomores in conjunction with Latin 5 or 6 ; also, with the consent of the instructor, for other students.

GROUP C

MATHEMATICS AND SCIENCE

MATHEMATICS

- 1 SOLID GEOMETRY
Four hours first semester, required of freshmen.
- 2 ALGEBRA
Four hours second semester, required of freshmen.
- 3 TRIGONOMETRY
Plane and spherical.
Four hours first semester, elective for sophomores.
- 4 ANALYTIC GEOMETRY
Three hours second semester, elective for sophomores.
- 5 ANALYTIC GEOMETRY
Three hours first semester, elective for those who have taken 4.
- 6 DIFFERENTIAL CALCULUS*
Two hours first semester, elective.
- 7 INTEGRAL CALCULUS
Two hours second semester, elective.
- 8 THEORY OF EQUATIONS
Three hours second semester, elective.

ASTRONOMY

- 1 GENERAL ASTRONOMY
The course consists of lectures and recitations, with work in the observatory, and frequent telescopic observations of the heavens.
Todd, New Astronomy.
Three hours first semester, elective for seniors.

CHEMISTRY

1 GENERAL CHEMISTRY

A study of the history, occurrence, preparation, and properties of the more important non-metals and their compounds; also a similar study of the more common metals. Lectures, recitations, and laboratory work. Two laboratory periods. Two class periods.

Four hours first semester, elective after the freshman year.

2 QUALITATIVE ANALYSIS

This course includes a systematic study of the separation of the metals and the detection of the more important acids. The theory of oxidation and reduction and the writing of characteristic equations are also taken up. Each student is given practice in determining the composition of unknown substances. Lectures, recitations, and laboratory work. Three laboratory periods. One class period.

Four hours second semester, elective after 1.

3 QUANTITATIVE ANALYSIS

This course includes the gravimetric determinations of iron, sulphur trioxid, aluminum, phosphorus pentoxid, lead and magnesium, together with the volumetric determination of iron, calcium and oxalic acid. The student is instructed in the use of the analytical balance and in the preparation and standardization of normal solutions. At the end of the term's work a complete analysis of limestone is made. Lectures, recitations, and laboratory work. Two laboratory periods. One class period.

Three hours first semester, elective after 2.

4 ORGANIC CHEMISTRY

A study of the typical organic compounds and of the relations between different classes of organic compounds. Lectures and recitations based on Remsen's Organic Chemistry.

Three hours second semester, elective after 1, but students are advised to precede this course by 2 and 3.

5 ADVANCED QUANTITATIVE ANALYSIS

The work in this course may be varied to suit the purpose and inclination of the student. Agricultural analysis, such as soils, fertilizers, and agricultural products. Select determinations from Sutton's Volumetric Analysis. Analysis of alloys, minerals of copper, zinc, etc.

Elective after 3. Hours to be arranged.

6 FOOD ANALYSIS AND SANITARY CHEMISTRY

This course consists of laboratory work with collateral reading. Among the subjects taken up are the analysis of milk, butter, baking powders, and food stuffs. Sanitary chemical analysis of water. Bacteriological examination of milk and water. The detection of preservatives and coloring matter in milk and foods. The U. S. official methods are used as the basis of all analytical work.

Elective after 3, hours to be arranged.

7 ORGANIC LABORATORY

This course is intended to accompany Course 4. The work consists of the synthetical preparation of many of the typical organic compounds, such as alcohol, ether, chloroform, aldehyde, iodoform, etc.

Orndorff's Laboratory Manual is used as the laboratory guide.

Elective under same conditions as 4, hours to be arranged.

8 ADVANCED INORGANIC CHEMISTRY

In this course the study of the elements and their compounds is based upon Mendelëeff's periodic law. The rare elements are considered, also the rarer compounds of the common elements. Lectures.

Two hours throughout the year, elective after 2 and 4.

[Given on alternate years. Omitted 1906-7.]

9 APPLIED CHEMISTRY

A consideration of the application of chemical facts and principles to everyday life. Lectures.

One hour first semester, elective after 2.

PHYSICS

I MECHANICS, HEAT AND SOUND

This is an elementary course pre-supposing only the mathematics required in the freshman year. The course is intended to give a general outline of the subject and is accompanied by such experiments as best illustrate the fundamental laws of physics. Special attention is paid to the solution of problems. In the laboratory each student performs such quantitative experiments as illustrate the work of the class room. Lectures, recitations, and laboratory work. Two class periods. One laboratory period.

Three hours first semester, elective after the freshman year.

2 ELECTRICITY, MAGNETISM, AND LIGHT

Continuation of Course I. Recitations, lectures; and laboratory work. Two class periods. One laboratory period.

Three hours second semester, elective after 1.

3 PHYSICAL LABORATORY

This course comprises quantitative physical measurements in Mechanics, Heat, Sound, Light, Electricity, and Magnetism. It is designed to give the student some knowledge of instruments and of the methods used in experimental work. Laboratory work.

Two hours first semester, must be preceded by 1 and 2.

4 ADVANCED PHYSICS

The work in this course is based on such general treatises as Barker's, Hastings and Beach's, and Ames' Theory of Physics.

Three hours throughout the year. Elective after Physics 1 and 2 and Mathematics 3.

GEOLOGY

1 GENERAL GEOLOGY

This course treats of the leading principles of the science, physiological, structural, dynamical and historical geology. Economic geology. Study of coal, iron, building stone. Lectures, recitations, and field work.

Three hours second semester, elective for juniors or seniors.

2 MINERALOGY

A study of the more important minerals, illustrated by specimens and accompanied by practice in the determination of minerals. Lectures and laboratory work. Requires Chemistry I.

Two hours second semester, elective for juniors or seniors.

ANTHROPOLOGY

A detailed study of the natural history of man ; comparison with the other orders of primates ; antiquity, comparisons of the several races, their origin and distribution. Illustrated with lantern slides.

One hour first semester, elective after freshman year.

BIOLOGY

GENERAL BIOLOGY

Lectures, occasional class exercises, and laboratory work. This course is intended to give the student a general view of biological science and to acquaint her with the beginning of life and its development. Lectures will deal with such subjects as the cell in isolation and combination, the relations of plants and animals, heredity, and effects of environment. The laboratory work will be principally microscopic and intimately connected with the facts discussed in the lectures. It will include the examination of unicellular plants and animals, and that of more complex tissues.

Three hours first semester, elective for sophomores or juniors.

2 INVERTEBRATE ZOOLOGY

Lectures, text-book recitations, and laboratory work. This work will be both systematic and morphological. A study will be made of the great groups of animals from the Protozoa to the Vertebrata. Laboratory work will consist chiefly in the dissection of typical forms.

Three hours first semester, elective for those who have completed 1 or its equivalent.

3 VERTEBRATE ZOOLOGY

Lectures, text-book recitations, and laboratory work. The great classes of the vertebrates will be studied according to anatomy, classification, and life habits. Laboratory work will consist of an anatomical study of some of the typical forms and of some lessons in classification.

Three hours second semester, elective for those who have completed 1 and 2 or an equivalent.

4 ENTOMOLOGY

Lectures and class work. Anatomical study of the insects together with some collecting and classifying.

Two hours second semester, elective for those who have completed 1 and 2 or an equivalent.

5 BOTANY

Lectures, recitations, and laboratory work. This course will include work in structural, physiological, and systematic botany. Laboratory work will treat subjects such as germination, structure of organs, dissections of various plants, and classification. An herbarium of classified specimens will be required, also a carefully kept note book of laboratory work.

Three hours second semester, elective for sophomores or juniors.

6 COMPARATIVE HISTOLOGY OF PLANTS

Introduction to methods of investigation. Studies of the vegetable cell, its multiplication and contents. The development of primary tissues. Kinds of tissues. Comparative study of vascular tissues. Secondary thickening. Laboratory work.

Three hours second semester, elective after 5. (Omitted in 1905-6.)

7 PHYSIOLOGY

Text book work is based on Martin's Human Body, supplemented by the study of charts and the manikin. Anatomical demonstrations of the vertebrate organs are given, and dissections made of lower animals.

Three hours first semester, elective for sophomores and juniors.

8 ADVANCED PHYSIOLOGY

The topics selected depend upon the previous training of the students, and as far as possible the preferences of the students are consulted. Occasional conferences are held for the discussion of essays prepared by the students and presenting the more important evidence concerning the fundamental problems of physiology. By this means it is hoped to familiarize the student with the literature and with the methods of investigation. Laboratory work.

Three hours second semester, elective after 7. (Omitted in 1904-5.)

GROUP D

PHYSICAL CULTURE AND ELOCUTION

PHYSICAL CULTURE

The gymnasium is equipped for free work and light gymnastics, including work with wands, dumb-bells, Indian clubs, and chest weights.

A certain amount of systematic physical training is required of every student connected with the college. No student will be graduated who has not finished the prescribed work in the gymnasium, except that a modification of this requirement may be allowed upon the advice of the physician who has the oversight of this part of the college work. Upon entering the college every student is given a physical examination, with essential measurements, by the director of Physical Culture. From this examination a card is made out for the student, showing her size and development, and how she compares with the normal standard. Along with these data is given a card indicating how any weakness that may exist is to be remedied, and affording advice in reference to bathing and the general care of the body.

Every student not a senior is required to exercise three half hours a week in the gymnasium. The exercise occurs in classes. Every student, while exercising in the gymnasium, must wear a gymnasium suit of the pattern prescribed by the director. The movements executed are graded to correspond with the strength and advancement of the several divisions, and are carefully chosen from various systems to meet the needs of the students. The forms of exercise, carefully conducted, prove to be in the highest degree beneficial. Each student is regularly marked and credited in her gymnasium work on the basis of faithfulness and punctuality.

In addition to the exercise in the gymnasium, every effort is made to encourage interest in outdoor sports and participation in them at proper seasons of the year, while regular exercise in the open air through the whole year is urged upon students as of the very greatest importance. There are two graded courts for tennis, and a basket ball field. The college encourages, and the director superintends, field-sports of various kinds, including hockey and archery and golf. All gymnastic work is done under supervision, in order to prevent over-exertion on the part of students.

The athletic association is open to all members of the college and is under the direction of the department of physical culture.

The general health of the students is remarkably good, scarcely a case of severe illness has been known in the history of the college. For proper care in such slight ailments as may occur an infirmary is provided. It is large and open to the southern sun. It is well fitted with comforts for the sick, and careful nursing through all ordinary illnesses is given without extra charge.

1 GENERAL PRACTICAL COURSE

Lectures upon the purpose of physical culture, health and hygiene, methods of basket ball. Exercises in free hand movements, fancy steps and marches, drills with wands, dumb bells and Indian clubs.

Three half hours, required of freshmen.

2 ADVANCED WORK IN GYMNASTICS

Relaxing movements, special exercises for the development of unity; psychic element applied to physical culture, educational and military exercises.

Three half hours, required after 1.

3 ADVANCED RHYTHMIC WORK

This course offers special exercises based upon knowledge gained in 1 and 2.

Three half hours, required after 2.

4 FENCING

Two half hours, elective after 2.

5 MEDICAL GYMNASTICS

Exercises based on special physiological considerations, for students physically unable to take regular work.

Three half hours.

ELOCUTION.

The purpose of this department is; first, to teach elocution by principles that are applied from the first lesson, thus making the work practical throughout; and secondly, to develop the moral, mental, and physical natures, since the highest forms of expression must be the result of the development and balancing of these three natures.

1 PRINCIPLES OF ELOCUTION

Recitations and collateral reading, man's triune nature, Delsarte theories, study and development of the vocal organs and muscles. respiration, articulation, pronunciation, emphasis, vocal culture for purity, strength and flexibility of voice, tone color, study and drill in the vocal elements; quality, force, form, degree, and stress, with their combination and illustrations, theoretical study of the principles of action, technique of action, memoriter recitation of illustrative extracts. Text-book: Fulton and Trueblood, Practical Elocution.

Two hours throughout the year.

2 PRINCIPLES OF ELOCUTION (Continued)

Recitations and collateral reading, vocal culture for compass, flexibility and sustaining power of voice, study and drill in the vocal elements: time, quantity, pause, movement, pitch, degree, change and melody, with their various combinations and illustrations; conceptions of gesture, technique of action continued, actional composition; memoriter recitation of one selection required of each member of the class. Text-book: Fulton and Trueblood, Practical Elocution.

Two hours throughout the year.

3 LITERARY ANALYSIS AND INTERPRETATION

Lectures, recitations, and prescribed reading, vocal culture and drill in action indicated by the individual needs of class members, study of poetry as a representative art, technical training in rendition, analysis and study of readings, recitations, and personations, criticism upon each student's rendition from memory of four selections differing in style, incidental reading of one modern play, plays offered are Knowles, *The Hunchback*; Halm, *Ingomar*; Schiller, *Mary Stewart*; Bulwer-Lytton, *Richelieu*; Knowles, *Virginius*; and Sheridan, *The School for Scandal*. Texts: Fulton & Trueblood's *Choice Readings*, and *Patriotic Eloquence*, and DeWitt's standard plays.

Two hours throughout the year, elective after 2.

4 SHAKESPERE

Lectures, recitations, and prescribed reading, technical drill in voice and action indicated by the interpretative necessities of the plays studied, impersonative action, lectures on dramatic technique, dramatic criticism, and history of the drama and the great dramatists, analysis and study of the characters, plot, and incidents of one of Shakespeare's plays, together with a careful expressional reading of the entire play and memoriter rendition of the principal scenes; the plays offered are: Merchant of Venice, Much Ado about Nothing, As You Like It, Antony and Cleopatra, Romeo and Juliet, Julius Cæsar, Hamlet, Macbeth, and Othello.

Two hours throughout the year, elective after 3.

SCHOOL OF MUSIC

A. CAMERON MACKENZIE, D.D., PRESIDENT

GEORGE MORGAN MCKNIGHT, MUS.B.

Director of Music School

Voice and Organ

MARY SELENA BROUGHTON, MUS.B.

Director of Piano Department

Piano and Harmony.

SARAH SHATTUCK VERRILL, MUS.B.

Piano

GRACE A. SHAW

Piano

GERTRUDE FITCH GUION, MUS.B.

Voice, and Sight Singing, History of Music

JOHN K. ROOSA

Violin

The School of Music occupies the Gillett Memorial Building, the generous gift of Mr. Solomon Gillett, of Elmira. This building affords ample accommodations for practice and instruction.

The purpose of the Music School is to give the best facilities for students who desire to pursue any branch of music, practical or theoretical, and to furnish the best possible opportunities for the study of Piano, Organ, Violin, Voice, and Harmony.

ADMISSION OF STUDENTS.

Students may pursue musical studies exclusively without being otherwise connected with the college.

Students connected with the academic department are allowed to choose music as an elective study under conditions governing all other electives. Three hours of music practice are equivalent to one hour of recitation, and may be counted on Group C or Group D, but students working for a degree in the academic department cannot elect music to count as recitation for more than two hours in one semester.

DEGREE

The degree of Bachelor of Music will be awarded only for graduate work of such quality as will meet the approval of the faculty.

DIPLOMA

Students who complete any of the following courses of study can receive the diploma of the department of music.

While the theory of music is not required, the necessity of some knowledge of harmony for music students is so obvious that all students are advised to devote at least one year to this study, and the music students are also advised to take as many academic courses of study as possible.

Public and private concerts by the musical faculty and students are given frequently, to enable the latter to hear other works than those they are studying, and to receive the benefit that comes from performances with and before other musicians. Recitals and concerts by famous performers are arranged from time to time, and are open to students of the School of Music.

Advantages are offered to those who wish to become church organists. The course includes not only solo playing, but also instruction in choir accompaniment and direction from teachers of practical experience in those departments.

PIANO

COURSE 1

Technical Exercises. Major and Minor Scales. Arpeggios in octaves. Czerny's Op. 489; Kullak's Octave School, Book I; Selections from Heller's Studies.

Pieces. Sonatinas by Clementi, Kuhlman. Easy sonatas by Haydn, Mozart. Songs Without Words by Mendelssohn. Solo pieces by modern composers.

COURSE 2

Studies. Technical Exercises. Mason's Touch and Technique. Study of Scales. Arpeggios on the triad and chord of the dominant seventh. Kullak's Octave School, Book I. Czerny's Op. 299, two books. Selections from Heller's Studies. Bach's Two-Part Inventions, and Little Preludes.

Pieces. Sonatas by Mozart and Haydn. Beethoven's Rondo in C. Songs Without Words and Caprices by Mendelssohn. Modern pieces by Gade, Jensen, Kirchner, Godard, and others.

COURSE 3

Studies. Mason's Touch and Technique. Kullak's Octave School, Book II. Czerny's 40 Daily Studies. Cramer's Studies, (Bulow.)

Pieces. Prelude and Fugue in C Minor by Bach. Beethoven's Sonatas Op. 2, No's. I, II, and III. Selections from Weber, Schumann, Chopin, Mendelssohn, Raff, and other composers.

COURSE 4

Studies. Cramer's Studies (Bulow). Clementi's Gradus ad Parnassum. Czerny's 40 Daily Studies. Chopin's Studies.

Pieces. Preludes and Fugues by Bach. Sonatas by Beethoven; Concertos by Weber, Mendelssohn, and Beethoven. Difficult work by Chopin, Raff, Schumann, Saint-Saens, Moskowski, Liszt, and others.

ORGAN

COURSE 1

Manual studies in two, three, and four parts, by Thayer, Lemmens, Guilmant, Ritter and others; beginning of pedal playing with studies by Thayer, Buck, Rinck; easy pieces by composers of the German, French, and English schools; fundamental principles of registration.

COURSE 2

Choral preludes by Bach, Merkel, and others; Buck's studies in pedal phrasing; easy Preludes and Fugues by Bach; moderately difficult pieces by Hesse, Merkel, Wely, Guilmant, Batiste, Smart, and others; transcriptions by Best.

COURSE 3

Handel's Concertos; Mendelssohn's second Sonatas; Preludes, Fugues, and Choral Vorspiele by Bach; concert pieces by the best German, French, and English masters; registration and choir accompaniment.

COURSE 4

Preludes, Fugues, and Toccatas by Bach; Merkel's Sonatas; Chromatic Fantasie and Fugue; Rheinberger's Sonatas; difficult concert pieces and transcriptions by Lemmens, Guilmant, Widor, Saint-Saens, Best, Whiting, and Eddy.

HARMONY AND MUSICAL THEORY

In this course will be taught the principles of tone relation and combination, as included in the following divisions: Formation of the scales, major and minor; chromatic and enharmonic intervals; consonances and dissonances; simple triads and their inversions; primary and secondary seventh chords in their original and inverted positions; suspensions; organ point; passing-notes and passing-chords; hidden fifths and octaves; cross relation; closing cadence; chromatically altered chords; modulation.

VOICE

The old Latin or Lamperti method, as taught by William Shakespere, of London, is employed mainly in the formation of the singing voice; but the best features of other methods are used, according to the needs of the student.

COURSE 1

Technical drill; sight reading; elementary studies of Sieber, Concone, Marchesi; simple songs.

COURSE 2

Technical drill; sight reading; advanced studies of Concone, Garcia, Lutgan, Bonoldi; songs by the best composers; simple scenes and arias from operas, cantatas and oratorios.

COURSE 3

Technical drill; sight reading; studies of Lamperti, Panofka, Mazzoni, Rossini; songs of Schubert, Schumann, Mendelssohn, Franz; larger selections from operas and oratorios.

COURSE 4

Technical drill; sight reading; difficult concerted pieces; songs by various composers, classic and modern.

TERMS OF EACH SEMESTER

PAYABLE IN ADVANCE

Piano, three half-hour lessons a week.	\$50 00
Piano, two half-hour lessons a week.	35 00
Piano, two half-hour lessons a week (Primary).	17 00
Organ, two half-hour lessons a week.	60 00
Organ, one half-hour lesson a week.	32 00
Vocal Culture, three half-hour lessons a week.	85 00
Vocal Culture, two half-hour lessons a week.	60 00
Vocal Culture, one half-hour lesson a week.	32 00
Harmony, two half-hour lessons in class.	10 00
History of Music, in class.	5 00
Use of Piano or Organ for two hours or less of daily practice.	5 00
Use of Piano or Organ for more than two hours and not to exceed four hours of daily practice.	10 00

The Choral Class is free to all music students and to all students in the regular college course.

ART SCHOOL

CLARA W. COWLES, *Director of Art School.*

The aim of the Art School is to give practical and theoretical instruction in drawing, painting, design and decoration. The art studios occupy the upper floor of the main building. They are well arranged and are furnished with models and casts adapted for the study of art.

COURSE OF STUDY

COURSE 1

Drawing in black and white. Water color painting from geometrical and ornamental designs.

COURSE 2

Drawing from casts (antique and ornamental). Drawings from models of parts of the human figure.

COURSE 3

Antique. Drawing from full length statue. Still life painting in oil and water colors.

COURSE 4

Drawing and painting from the draped model, life. Landscape sketching.

Classes for outdoor sketching and modeling in clay will be formed as required. Other courses will be given to those who desire advanced work.

EXPENSES FOR EACH SEMESTER

Drawing or Painting.	\$35 00
Oil Painting from Life.	50 00

STUDENTS

SENIOR CLASS

Barber, Fannie Louise	Portland, Oregon.
Bartholomew, Helen	Elmira.
Bates, Sylvia Chatfield	Schenectady.
Blades, Florence Elizabeth	Elmira.
Clark, Mabel Louise	Avon.
Cleveland, Anna May	Elmira.
Diven, Eugenia Lee	Elmira.
Goodhart, Martha Gregg	Lewistown, Pa.
Green, Lucy LaFayette	Westfield, N. J.
Griffin, Annah Louise	Big Flats.
Howe, Daisy Abigail	Gardner, Mass.
Isham, Maud	Avon.
Maxwell, Effie F.	Oshkosh, Wis.
Metzger, Mary Woodward	Elmira.
Rockwell, Rena	Elmira.
Seeley, Gertrude Daphne	Osceola, Pa.
Spring, Edna E.	Elmira.
Termansen, Clara A. ..	Stony Point,
Wheeler, Ethel May	Haverstraw.

JUNIOR CLASS

Adrianse, Linnette Angevine	Elmira.
Barnes, Florence Spencer	Watkins.
Bennett, Bernice	Howard.
Bryan, Elizabeth Mabel	Elmira.
Calkins, Stella Carrie ..	Elmira.
Carr, Jane Louise	Elmira.
Cox, Marguerite Ellen	Cleveland, O.
Frisbie, Frances Virginia	Orangeville.
Ganung, Nina M.	Moreland.
Goodrich, Mary Emily	Elmira.
Hager, Margaret Amelia	Elmira.
Hubbell, Fanny Beatrice	Elmira.
Hubbell, Helen Louise	Elmira.
Kirley, Mary Pauline	Lowville.
Lattin, Pearl A. - ...	Elmira.
Long, Adda McDaniels	Mechanicsburg, Pa.
MacKay, Norma A.	Addison.
Rice, Bessie Sutherland	Elmira.
Sanders, Dora M.	Elmira.

Stewart, Adelaide.....	Silver Creek.
Wheeler, Ursula Anna.....	Hancock.
Wise, Henrietta Caroline.....	Auburn.
Yates, Fauny.....	Elmira.

SOPHOMORE CLASS

Aiken, Ethel Sophia.....	Elmira.
Allen, Helen J.....	Elmira.
Baker, Leala Dickinson	Bradford, Pa.
Beardslee, Bertha Marion	Elmira.
Bell, J. Lulu	Auburn.
Block, Elfrieda F.	Elmira.
Brooks, Rachel Gleason.....	Horseheads.
Buck, Myra Arline ...	Sugar Hill.
Bushnell Gertrude.....	Rockville Center.
Carpenter, Naomi Jennette.....	Ithaca.
Carr, Florence Delavan ..	Elmira.
Coe, Nettie.	Horseheads.
Dense, Mertie M.....	Elmira.
Fraley, Blanche A.....	Geneseo.
Ham, Norma Maud.....	Elmira.
Harshaw, Helen.	West Pittston, Pa.
Keane, Mary Elizabeth.....	Elmira.
Monroe, Kate Swain.....	Dryden.
Mulford, Edna Gertrude.....	Elmira.
Munroe, Bessie Anna... ..	Elmira.
Murray, Laura V.....	Sayre, Pa.
Reeder, Julia Ellen	Big Flats.
Roberts, Mary H.....	Elmira.
Sawtelle, Sara.....	Athens, Pa.
Scobey, Marguerite Nelson.....	Watkins.
Smith, Martha E.....	Seneca Falls.
Snyder, Loretta B.....	Horseheads.
Spaulding, Helen.....	Elmira.
Sullivan, Anna E....	Elmira.
Tashjian, Elizabeth Mabel.....	Elmira.
Van Buskirk, Ethel.. ...	Appleton City, Mo.
Weeks, Josephine Madge.....	Spencer.

FRESHMAN CLASS.

Allen, S. Mabel	Elmira.
Beck, Lillian	Elmira.
Beckwith, Clara Judson.....	Elmira.

Begent, Anna M.	Groton.
Block, Gertrude Blanche.....	Elmira.
Borthwick, Grace J.....	Elmira.
Bowman, Maude L.....	Elmira.
Brettle, Ruth Stedman.....	Dansville.
Brundage, Carolyn B.....	Dresden.
Campbell, Edith Louise.....	Cleveland, O.
Cleveland, Eloise Virginia	Canton, Pa.
Cleveland, Florence Jean.....	Canton, Pa.
Cooley, Anna Elizabeth.....	Ann Arbor, Mich.
Cope, Donna Alice	East Cleveland, O.
Davidson, Anne N.....	Canandaigua.
Dennison, Genevieve.....	East Pembroke.
Dickerson, Elizabeth.....	Elmira.
Eastman, Bessie E.....	Fort Ann.
Ellis, Mabel Frances.....	Elmira.
Engleman, Tina.....	Waverly.
Flack, Cornelia Andrews.....	Elmira.
Gardner, Bessie L.....	Wellsboro, Pa.
Gaylord, Helen Maude.....	Elmira.
Genung, M. Lucille....	Waverly.
Grosvenor, Mateal E.....	Hornellsville.
Hall, Marie Josephine.....	Waverly.
Hallenbeck, Florence Cullings	Hoffmans.
Hammond, Alice L.....	Elmira.
Harrower, M. Jane.....	Elmira.
Hastings, Charity.....	Elmira.
Hopkins, Ruby Adams.....	Elmira.
Hotchkiss, Kathleen Witbeck.....	Schenectady.
Hunter, Maude Lena.....	Elmira.
Inksater, Frances	Elmira.
Kalbfus, Helen Louise.....	Harrisburg, Pa.
Lauder, Pearl Ann....	Victor.
Lavine, Sara L.	Elmira.
Lee, Mildred.....	Wellsville.
Lewis, Elsie Herrick.....	Pasadena, Cal.
MacKay, Irene.....	Addison.
Mallory, Grace E.....	Avon.
Miller, Gladys...	Elmira.
Pollock, M. Hazel	Jefferson.
Porter, Anna Wolcott	Ovid.
Quackenbush, Anna Dorothy...	Schenectady.

Sadler, Harriet E.	Elmira.
Saunders, Fenella	Elmira.
Scrimgeour, Helen	Pittston, Pa.
Seaman, Sarah	St. Johnsville.
Sears, Winifred B.	Trumansburg.
Smith, Elizabeth Virginia	Elmira.
Spring, Antoinette	Elmira.
Stewart, Ethel	Silver Creek.
Surdam, Jennie M.	Smiths Falls, Canada
Taylor, Edna May	Geneva.
Thayer, Maude E.	Waverly.
Thompson, Cora Louise	Elmira.
Tobey, Marian Esther	Elmira.
Trippe, Myra E.	Salamanca.
Westlake, Anna M.	Elmira.

SPECIAL STUDENTS.

Bradford, Isabella J.	Columbus, O.
Brown, Mary Gilbert	Elmira.
Diven, Vieva Lois	Elmira.
Flood, Frances Mabel	Elmira.
Hallbauer, Aleta M.	Sayre, Pa.
Hewitt, Mrs. G. E.	Elmira.
Hooker, Bessie	Elmira.
Howes, Anna	Elmira.
Inksater, Orla	Elmira.
Johnson, Olive Bell	Hartford, Conn.
McCann, Jennie Helen	Elmira.
Ostrander, M. Edna	Salamanca.
Pratt, Sarah	Elmira.
Riggs, Elizabeth M.	Elmira.
Ross, Clara Thurston	Elmira.
Spaulding, Henrietta	Elmira.
Tatnall, Mary H.	Elmira.
Wyckoff, Florence A.	Elmira.
Wyckoff, Frances Sybil	Elmira.

MUSIC SPECIALS.

Adrianse, Linnette Angevine	Elmira.
Allen, Ethel	Elmira.
Bacon, Lucy	Elmira.
Baldwin, Ethel	Elmira.
Baltimore, Eva	Elmira.

Banks, Gertrude.....	Elmira.
Barber, Fanny.....	Portland, Ore.
Barker, Edna.....	Elmira.
Bates, Sylvia.....	Schenectady.
Beck, Edna.....	Elmira.
Beck, Lillian ..	Elmira.
Blood, Mary.....	Waverly.
Bradford, Isabella J ..	Columbus, O.
Brophy, Claire	Elmira.
Brundage, Carolyn..	Dresden.
Buck, Myra.	Elmira.
Buckley, Gertrude...	Elmira.
Burt, Anna Louise.....	Elmira.
Burt, Ellen.....	Elmira.
Campbell, Edith..	Cleveland, O.
Cleveland, Florence Jean.....	Canton, Pa.
Clinton, Ethel. ..	Elmira.
Collins, Elsie.....	Elmira.
Cox, Marguerite E.....	Cleveland, O.
Crocker, Mrs. E. B.....	Elmira.
Crook, Mariana.....	Bath.
Diehl, Sara.....	Elmira.
Dimon, Grace..	Hammondsport.
Diven, Eugenia...	Elmira.
Diven, Vieve.....	Elmira.
Eastman, Crystal.....	Elmira.
Eisenhart, Carrie Lenora.....	Horseheads
Ennis, Bertha.....	Elmira.
Ferris, Eva.....	Elmira.
Fowler, Carolyn....	Elmira.
Ganung, Nina M.....	Moreland.
Gardner, Bessie L.	Wellsboro, Pa.
Gaynor, Marie.	Elmira.
Gridley, Theodate.....	Elmira.
Hallbauer, Aleta M....	Sayre, Pa.
Hislop, Grace....	Elmira.
Hisserick, Norma.....	Elmira.
Holt, Ethel.....	Sayre, Pa.
Homer, Dorothy.	Elmira.
Inksater, Frances G.....	Elmira.
Inksater, Orla.....	Elmira.
Johnson, Ida.....	Elmira.

Johnson, Mary.....	Waverly.
Johnson, Olive	Hartford, Conn.
Keck, Emily.....	Elmira.
Lewis, Edna.....	Elmira.
Maney, Elizabeth.....	Athens, Pa.
Marshall, Bernice.....	Horseheads.
Mattison, Maude.....	Horseheads.
Mencing, Eva.....	Antrim.
Miller, Christina.....	Elmira.
Morrow, Mabel.....	Elmira.
Mowrey, Pearl.....	Elmira.
Munsell, Lydia... ..	Elmira.
Murray, Edith.....	Akron.
McCann, Jennie	Elmira Heights.
MacKenzie, Christina Cameron.....	Elmira,
MacKay, Norma.....	Addison.
Ostrander, Edna.....	Salamanca.
Ott, Marian.....	Sayre, Pa.
Pattinson, Mrs.....	Elmira.
Porter, Anna.. ..	Ovid.
Pratt, Sarah.....	Elmira.
Putnam, Georgia.....	Elmira.
Ralyea, Chitha.....	Elmira.
Sadler, Harriet	Elmira.
Sayre, Catharine Gordon.....	Elmira.
Scobey, Marguerite Nelson.....	Watkins.
Scrimgeour, Helen N... ..	Pittston, Pa.
Sheely, Alta... ..	Elmira.
Sheirer, Nellian.....	Elmira.
Trippe, Myra.....	Salamanca.
VanLoan, Elizabeth Ione.....	Athens, Pa.
Walker, Maude.....	Elmira.
Waxman, Bertha	Elmira.
Webster, Ralph	Elmira.
Weisleder, Edna... ..	Elmira.
White, Helen.. ..	Elmira.
Wise, Henrietta.....	Auburn.
Zimmerman, Josephine.....	Elmira.

SUMMARY.

Senior class...	19
Junior class.....	23
Sophomore class.....	32
Freshman class.....	60
Special students.....	20
	<hr/> 154
Music students.	84
	<hr/> 238
Names repeated.....	25
	<hr/> 213
Total number of students.....	

SCHEDULE OF APPOINTMENTS FOR 1905-6.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
8 to 8.50	English (2) and (4) Mathematics (5) and (8)	German (6) French (6) and (7) History (1) Roman Archæology	Latin (6) French (8) History (1)	German (6) French (6) and (7) English (2) Mathematics (5) and (8)	Mathematics (8) History (1) Roman Archæology
8.55 to 9.45	Latin (3) and (5) Greek (4) and (5) Italian (1) Philosophy (3) and (4) Biblical Literature (1) Geology	Old English (2) Greek (2) or (3) German (2) French (2) Mathematics (1) and (2) Astronomy Chemistry (3) Mineralogy	Latin (4) German (2) French (2) English (3) Philosophy (3) and (4) Mathematics (1) and (2) Anthropology Geology	Latin (3) and (5) Greek (4) and (5) German (2) French (2) Mathematics (1) and (2) Geology Philosophy (3)	Greek (2) or (3) German (2) French (2) English (3) Mathematics (1) and (2) Astronomy Mineralogy
9.50 to 10.40	Greek (1) German (3) French (3) English (6) Old English (1) Mathematics (3) and (4) Biology (4)	Latin (11) and (12) Italian (2) English (1) English Literature (4) & (5) Mathematics (3) and (4) Sociology Chemistry (8)	Greek (1) German (3) French (3) English (6) Old English (1) Philosophy (1) Mathematics (3) Chemistry (9)	Latin (11) and (12) German (1) English (1) and (4) Mathematics (3) and (4) Biology (4) Economic History	Greek (1) German (3) French (3) Old English (1) Philosophy (1) Mathematics (5) Sociology Biology (7)
10.45 to 11.35	Latin (1) and (2) Spanish (1) English Literature (3) History (5) German (7) Physics (1) and (2)	Latin (1) and (2) Greek (8) Spanish (2) English Literature (6) & (7) Mathematics (6) and (7) Chemistry (1) and (2)	Latin (1) and (2) Greek (8) German (7) and (8) Biblical Literature (2) & (3)	Latin (1) and (2) English Literature (3) Biblical Literature (2) & (3) Physics (1) and (2)	Greek (8) Spanish (2) English Literature (6) & (7) Mathematics (6) and (7) Chemistry (1)
11.40 to 12.30	Latin (7) & (8) or (9) & (10) Greek (7) German (1) French (1) Mathematics (1) and (2) Political Economy	Greek (7) German (1) French (1) Philosophy (2) and (5) Mathematics (1) and (2) Biology (1)	History (5) Philosophy (2) Mathematics (1) and (2) Biology (5)	Latin (7) & (8) or (9) & (10) Greek (7) German (1) French (1) History of Education Pedagogy Political Economy	Greek (7) German (1) French (1) Philosophy (2) and (5) Mathematics (1) and (2) Biology (1)
1.50 to 2.40	Latin (13) German (4) French (4) History (2) Art History Biology (2) and (3)	Latin (13) German (5) French (5) English (5) and (7) Biology (3) and (7)	Spanish (1) English Literature (1) & (2) History (2) Art History	Latin (13) German (4) French (4) Art History Biology (2) and (3)	German (5) French (5) English Literature (2) Art History
2.45 to 3.35	Greek Archæology Chemistry (1) (2) (3) Biology (6) or (8) Gymnasium	History (3) and (4) Physics (1) and (2) Biology (2) and (3)	Chemistry (1) (2) (3) Biology (7) and (8) or (6) Gymnasium	Biology (1) and (5) Physics (3) Gymnasium	History (3) and (4) Italian (2) Chemistry (2) Biology (6) or (8) Physics (3)





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